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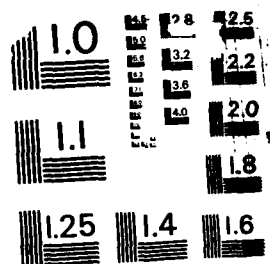
HELLENIKON ABS ATHENS GREECE LIMITED SURFACE
OBSERVATIONS CLIMATIC SUMMAR (U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER
MAR 88 USAFETAC/DS-88/014

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MICROCOPY RESOLUTION TEST CHART
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GR 167160

USAFETAC/DS-88/014

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S H D



"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCs"

HELLENIKON ABS/ATHENS GR MSC #167160
N 37 54 E 023 44 ELEV 90 FT LGAT

PARTS A - F HOURS SUMMARIZED: 0000 - 2300

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JAN 78 - DEC 87
SUMMARY OF DAY DATA: NONE

MAR 07 1988

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REPORT DOCUMENTATION PAGE

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3. Distribution/Availability of Report: Approved for public release; distribution unlimited.

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6b. Office Symbol:

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7a. Name of Monitoring Organization: USAFETAC

7b. Address: Scott AFB, IL 62225-5458

11 Title: (LISOCs) Hellenikon ABS/Athens GR.

12 Personal Author(s):

13a Type of Report: Data Summary

13b Time Covered: Jan 78-Dec 87.

14 Date of Report: Mar 88.

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17 COSATI Codes: Field--04, Group--02

18 Subject Terms: *climatology *weather meteorological conditions winds precipitation barometric pressure sky cover temperature relative humidity psychrometric data visibility ceiling Limited Surface Observations Climatic Summary(LISOCs); Hellenikon ABS Greece; Athens Greece; Hassina Airport Greece; Athina Airport Greece; Greece; GR167160.

19 Abstract: A statistical data summary of surface weather observation climatology: Hellenikon ABS/Athens Greece. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART 1, Weather Conditions and Atmospheric Phenomena; PART 2, Surface Winds; PART 3, Ceiling and Visibility; PART 4, Psychrometric Summaries; and PART 5, Pressure Summaries. Note that PART 2, Precipitation, is omitted. See USAFETAC/TN-83-001 (AD132186), An Aid For Using The Revised Uniform Summary of Surface Weather Observations (RUSSWO), for complete descriptions of contents and instructions for use.

20 Distribution/Availability of Abstract: Same as report.

21 Abstract Security Classification: UNCLASSIFIED.

22a Name of Responsible Individual: Marianne L. Cavanaugh

22b Telephone: (618)256-2625.

22c Office Symbol: USAFETAC/LDD.

DD FORM 1473 UNCLASSIFIED

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY

STATION NAME: HELLENIKON ABS/ATHENS GR

STATION NUMBER: 16716G

SUMMARIZED HOURS: 0000 - 2300 LST

PERIOD OF RECORD:

HOURLY OBSERVATIONS: JAN 78 - DEC 87

SUMMARY OF DAY DATA (FULL TIME): NO DATA AVAILABLE

SUMMARY OF DAY DATA (TEMPERATURES ONLY): JAN 61 - DEC 66, JAN 73 - DEC 87

TIME CONVERSION LST TO GMT: -2

ALL USERS OF THIS LISOC MUST FAMILIARIZE THEMSELVES WITH THE SITE'S DATA LIMITATIONS PRIOR TO USING OR DISTRIBUTING THESE SUMMARIES. A SPECIAL CAVEAT PAGE PROVIDES IMPORTANT INFORMATION FOR ALL USERS. THIS CAVEAT PAGE IS LOCATED IN FRONT OF THE SUPPLEMENTAL SECTION.

OL-A/USAFETAC/MAC/AVS
ASHEVILLE NC 28801

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES--LISOCs

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AVS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUPPLEMENTAL DATA: DATA DERIVED FROM EARLIER PERIODS IF AVAILABLE, AND/OR FROM ONE OR MORE REPRESENTATIVE SITES AND COMBINED BY A METEOROLOGIST.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.
HOURLY SUMMARIES CONTAINING "TOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE HOURS SUMMARIZED. IN COMPUTING THESE VALUES THE VALUES IN THE 3-HOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF GROUPS.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

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PART B: SEE SUPPLEMENTAL DATA SECTION BELOW

PART C: SURFACE WIND SUMMARIES

PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

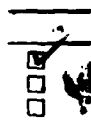
PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

AWSHSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

NOTE: THE FIRST AND LAST HOUR GROUPS MAY OR MAY NOT CONTAIN ALL THREE HOURS. SEE HOURS SUMMARIZED ON COVER OR STATION HISTORY SHEET TO DETERMINE WHICH HOURS ARE INCLUDED IN THESE TWO HOUR GROUPS.



Dist	Avail and/or Special
A-1	

STATION NO ON SUMMARY		STATION NAME		LATITUDE:		LONGITUDE:		STATION ELEV (FT)		CALL SIGN		WMO NUMBER	
167160		HELLENIKON AB GR		N 37 54		E 23 44		90 FT		LGAT		167160	
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE NSL		OBS PER DAY				
			FROM	TO			STATION (FT)	TYPE BAROMETER					
1	Hassina Apt, Athens Greece	AAP	Nov 44	Apr 46	N 37 54	E 23 48	82	92	17 to 24				
2	Athinai Apt, Athens Greece	Greek Met. Service	Jan 61	Dec 66	No Change	E 23 44	108	N/A	24				
3	HELLENIKON AB GREECE	"	JAN 67	DEC 81	No Change	No Change	90	N/A	No Change				
4	Same	Same	Jan 82	Dec 87	No Chg	No Chg	90	N/A	No Chg				

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Nov 44 to Apr 46	Not Available	N/A	N/A	N/A	
2	Jan 61 to Dec 66	Not Available	N/A	N/A	N/A	
3	Jan 67 to Dec 81	Not Available	N/A	N/A	N/A	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	

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WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET: SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS, AND/OR SLEET (ICE PELLETS).

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF ".0" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE.
2. METAR STATIONS (BEGINNING IN JAN 1968) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JAN

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.2	6.7		.3		7.0	.9	.1			1.0	915
03-05	.1	7.0		.4		7.4	.9	.1			1.0	906
06-08	.2	5.9		.3	.1	6.3	2.2	.1			2.3	914
09-11	.3	6.1		.5		6.7	5.2	1.1		.1	6.4	912
12-14	.2	6.6		.6		7.1	1.2	.9			2.1	904
15-17		7.6		.3		7.3	.7	.7			1.3	919
18-20	.4	8.5		.3		8.7	.5	.2			.8	919
21-23	.2	6.0		.2		6.1	.5	.1			.7	917
TOTALS	.2	6.7		.4	.0	7.1	1.5	.4		.0	2.0	7306

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: FEB

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.1	6.0		.8		6.9	1.1	.2			1.3	830
03-05	.2	6.6		.4		7.0	2.9	.4			3.3	829
06-08	.6	6.9		.6		7.5	2.7	.2			2.9	825
09-11	.2	9.2		1.3		10.3	5.2	2.5		.1	7.8	829
12-14	.2	6.6		1.5		7.9	1.5	1.0			2.4	818
15-17	.4	7.2		.2		7.4	.7	.2			1.0	824
18-20	.2	9.0		.1		9.2	1.2	.1			1.3	830
21-23	1.1	6.4		.4		6.7	.6				.6	833
TOTALS	.4	7.2		.7		7.9	2.0	.6		.0	2.6	6618

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.1	7.4		.4		7.9	2.2				2.2	915
03-05	.4	6.0		.4		6.4	3.9	.1		.1	4.1	905
06-08	.1	6.5		.4		6.9	9.8	.5			10.3	911
09-11	.2	6.2		.6		6.7	11.3	4.1			15.4	904
12-14	.2	5.7		.4		6.1	3.1	1.5			4.6	911
15-17	.2	4.5		.4		5.0	1.9	1.1			3.0	907
18-20	1.1	7.4		.1		7.5	2.1	1.4			3.5	914
21-23	.4	7.6		.4		7.8	1.8				1.8	910
TOTALS	.3	6.4		.4		6.8	4.5	1.1		.0	5.6	7277

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.1	5.9				5.9	1.5	.3			1.8	879
03-05	.1	4.2				4.2	4.8	.2			5.0	879
06-08	.6	5.0				5.0	13.9	1.4			15.2	880
09-11	.6	4.5				4.5	9.9	3.4			13.3	886
12-14	.3	3.6				3.6	2.3	2.5		.1	4.9	880
15-17	.2	4.8				4.8	1.0	1.7			2.7	879
18-20	.2	6.3				6.3	.7	1.6			2.3	885
21-23	.1	6.6				6.6	.7	.3			1.0	881
TOTALS	.3	5.1				5.1	4.4	1.4		.0	5.8	7049

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAY

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.3	2.1				2.1	.9	.1			1.0	915
03-05	.1	2.4				2.4	1.6	.2			1.9	914
06-08	.4	2.2				2.2	9.5	2.7			12.1	917
09-11	.2	1.8				1.8	6.5	2.0			8.5	922
12-14	1.8	2.1				2.1	2.9	.9			3.7	911
15-17	1.5	2.9			.1	2.9	.8	.3			1.1	906
18-20	.3	2.1				2.1	.3	.5			.9	917
21-23	.1	2.4				2.4	.7	.2			.9	908
TOTALS	.6	2.3			.0	2.3	2.9	.9			3.8	7310

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUN

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.1	.5				.5	.2	.1			.3	874
03-05	.2	.7				.7	1.8	.3			2.2	871
06-08		.9				.9	6.5	3.3			9.8	880
09-11	.1	.8				.8	1.9	.9			2.9	875
12-14	.2	.1			.1	.2	.2	.3			.6	878
15-17	.5	.9				.9	.1	.2			.3	869
18-20	.7	.9				.9	.1	.2			.2	871
21-23	.7	1.1				1.1		.1			.1	875
TOTALS	.3	.7			.0	.8	1.4	.7			2.1	6993

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUL

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		.2				.2	.4	.1			.5	911
03-05	.1	.1				.1	1.0	.3			1.3	909
06-08	.1	.6				.6	5.2	3.1			8.3	908
09-11	.2	.2				.2	.9	1.7			2.5	904
12-14	.2	.3				.3		.5			.5	910
15-17	.3	.2				.2	.1	.7			.8	910
18-20	.4	.5				.5		.1			.1	913
21-23	.2	.8				.8	.3	.1			.4	918
TOTALS	.2	.4				.4	1.0	.8			1.8	7283

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02							.4				.4	905
03-05							1.1	.1			1.2	900
06-08							4.1	1.9			5.9	911
09-11							1.8	1.8			3.5	903
12-14		.2				.2	.1	.4			.5	914
15-17	.3	.5				.5		.4		.1	.5	917
18-20	.9	1.3				1.3	.1	.6			.7	909
21-23		.4				.4	.4	.1			.5	914
TOTALS	.2	.3				.3	1.0	.7		.0	1.7	7273

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: SEP

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	WAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.2	1.0				1.0	.8				.8	874
03-05	.1	.9				.9	.8	.1			.9	872
06-08							4.8	2.6			7.5	872
09-11		.2				.2	2.8	3.6			6.4	886
12-14	.1	.6				.6		.9			.9	893
15-17	.2	.6				.6	.3	.9			1.2	884
18-20	.2	.8				.8	.5	1.1			1.5	882
21-23	.3	.8				.8	.6	.1			.7	881
TOTALS	.1	.6				.6	1.3	1.2			2.5	7044

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: OCT

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	WAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	1.0	3.6				3.6	1.0	.1			1.1	911
03-05	1.2	4.5				4.5	.8	.1			.9	913
06-08	.8	6.1				6.1	4.1	.5			4.7	918
09-11	.5	4.6				4.6	5.9	2.7			8.6	921
12-14	.5	3.6				3.6	1.6	1.1			2.7	912
15-17	1.3	4.2				4.2	1.0	.8			1.8	910
18-20	.4	4.9				4.9	.4	.5			1.0	914
21-23	.4	3.8				3.8	.3	.1			.4	922
TOTALS	.7	4.4				4.4	1.9	.7			2.7	7321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: NOV

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.1	5.1				5.1	1.3				1.3	880
03-05	.6	4.6				4.6	2.3				2.3	874
06-08	.9	6.0				6.0	4.7	.1			4.8	880
09-11	.6	5.5				5.5	6.3	.8			7.0	885
12-14	.5	5.1				5.1	1.7	.6			2.3	877
15-17	.3	5.8				5.8	.8	.8			1.6	879
18-20	.6	6.8				6.8	1.0	.1			1.1	891
21-23	.8	5.4				5.4	.4	.1			.6	895
TOTALS	.6	5.5				5.5	2.3	.3			2.6	7061

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: DEC

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.8	7.0				7.0	1.8				1.8	919
03-05	.1	5.8				5.8	1.4				1.4	910
06-08	.7	7.1				7.1	1.8	.1		.1	2.0	904
09-11	.2	6.2		.2		6.4	5.5	.8			6.2	915
12-14	.2	7.1				7.1	2.8	.4			3.2	905
15-17	.2	4.9		.2		5.0	.9				.9	907
18-20	.7	5.6				5.6	1.0				1.0	914
21-23	.8	5.7				5.7	1.7				1.7	922
TOTALS	.5	6.2		.1		6.2	2.1	.2		.0	2.3	7296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: ALL

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	PAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/ CBST TO VISION	TOTAL OBS
JAN ALL	.2	6.7		.4	.0	7.1	1.5	.4		.0	2.0	7306
FEB	.4	7.2		.7		7.9	2.0	.6		.0	2.6	6618
MAR	.3	6.4		.4		6.8	4.5	1.1		.0	5.6	7277
APR	.3	5.1				5.1	4.4	1.4		.0	5.8	7049
MAY	.6	2.3			.0	2.3	2.9	.9			3.8	7310
JUN	.3	.7			.0	.8	1.4	.7			2.1	6993
JUL	.2	.4				.4	1.0	.8			1.8	7283
AUG	.2	.3				.3	1.0	.7		.0	1.7	7273
SEP	.1	.6				.6	1.3	1.2			2.5	7044
OCT	.7	4.4				4.4	1.9	.7			2.7	7321
NOV	.6	5.5				5.5	2.3	.3			2.6	7061
DEC	.5	6.2		.1		6.2	2.1	.2		.0	2.3	7296
TOTALS	.4	3.8		.1	.0	4.0	2.2	.8		.0	3.0	85831

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SEE SUPPLEMENTAL SECTION (SUMMARY OF DAY DATA) FOR THESE SUMMARIES.

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DIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA,

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS,

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IS GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED)..

A SEPARATE ANNUAL TABLE PRESENTS THE SAME DIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITY IS EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: MELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.3	4.7	5.0	4.8	.6	.4						15.8	9.8
NNE	.1	3.5	3.1	3.6	.9	.6	.1					11.9	10.9
NE	.3	2.0	1.3	1.0	.2	.2						5.1	9.5
ENE	.2	2.0	2.6	.9	.7	.1						6.5	9.6
E	.1	2.1	.7	1.0	.3							4.2	8.7
ESE	.2	1.1	.2	.4								2.0	6.8
SE	.2	1.1	.8	.2								2.3	6.6
SSE	.2	1.0	.7	.8								2.6	7.9
S		.2	.7	1.5	.2	.2						2.9	13.6
SSW		.2	1.0	1.3	.6	.1						3.2	12.8
SW			.4	.8	.3							1.5	14.2
WSW		.4	.3	.7								1.4	9.2
W		.3	1.0		.1							1.4	9.1
WNW		.3	.7	.3								1.3	9.5
NW		.4	.8	.7	.2							2.1	10.9
NNW	.1	.2	1.1	1.8	.4		.1					3.7	12.9
VARIABLE													
CALM	////////////////////////////////////										32.0	////	
TOTALS	1.9	19.7	20.2	19.8	4.5	1.7	.2					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	4.8	4.8	4.8	1.4	.2						16.3	10.1
NNE	.1	3.4	3.3	2.5	1.3	.6	.1					11.4	10.9
NE	.6	2.3	1.2	1.1	.2	.2						5.6	8.5
ENE	.8	3.1	1.7	.9	.8	.1						7.3	8.3
E	.2	1.8	.2	.9	1.1							4.2	10.5
ESE	.2	.7	.6									1.4	5.8
SE	.1	1.1	.6	.8								2.5	8.2
SSE		.8	.7	.6	.1							2.1	9.2
S	.1	.4	.7	.8		.1						2.1	10.2
SSW		.2	.4	2.0	.3	.1	.1					3.2	13.6
SW		.2	.8	1.0	.3							2.3	12.4
WSW	.1	.7	.2	.1	.1							1.2	7.3
W		.6	.6	.4		.1						1.7	9.9
WNW		.4	.1	.4								1.0	8.6
NW	.1	.4	.2	.8	.2	.1						1.9	12.0
NNW	.1	.9	1.8	1.3	.2	.3		.1				4.8	11.7
VARIABLE													
CALM	////////////////////											31.0	////
TOTALS	2.8	21.8	17.7	18.4	6.2	1.9	.2	.1				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 934

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	3.7	5.4	4.8	.6	.3	.1				15.3	10.2
NNE	.1	3.3	3.6	3.5	.8	.1	.3				11.8	10.7
NE	.7	3.6	.9	1.7	.3	.3					7.5	8.6
ENE	.8	3.1	.9	1.7		.1					6.5	7.5
E	.2	2.3	.7	1.4	.3	.7					5.6	10.4
ESE	.1	1.0	.3	.1	.1						1.7	7.3
SE		.9	.8	.1							1.8	7.1
SSE	.1	1.4	1.1	1.1	.1						3.9	8.5
S		.7	.6	.4							1.7	8.9
SSW		.1	1.0	1.3	.8	.1					3.3	13.7
SW	.1	.3	.6	.6		.2					1.8	11.5
WSW		.6	.7	.4	.1						1.8	9.5
W		.3	.6	.6	.1	.1	.1				1.8	12.2
WNW		.1	.2	.2	.1						.7	11.5
NW	.1	.2	1.0	.7	.1						2.1	9.9
NNW	.1	.7	1.0	1.5	.6	.1	.2				4.2	12.5
VARIABLE												
CALM	////////////////////////////////////										28.9	////
TOTALS	2.6	22.3	19.1	20.1	4.0	2.1	.8				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON AFB/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 0900-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.1	4.9	5.5	6.7	1.3			.2				18.8	10.5
NNE	.2	2.0	2.9	4.1	1.0	.2	.1	.1				10.5	11.7
NE	.1	.7	1.5	1.4	.7							4.4	11.4
ENE	.2	1.0	1.0	2.2	.3	.2						4.9	11.5
E	.1	.5	.7	1.5	.5							3.4	12.1
ESE		.4	.1	.3	.1	.1						1.1	10.4
SE		.8	.3	.3	.1							1.5	8.6
SSE		1.2	.7	.7	.2							2.7	9.0
S		.9	1.3	.9	.3	.1						3.5	10.4
SSW		.3	.7	1.2	.5	.2	.1					3.1	13.9
SW		.3	.5	.8	.1	.1						1.9	11.5
WSW	.1	.8	.5	.5	.4							2.4	9.8
W		.7	1.1	.9	.2							2.9	10.2
WNW	.1	.8	1.0	.7	.1							2.6	9.6
NW	.1	.8	.3	.5	.1		.1					2.9	10.3
NNW	.1	1.2	1.8	.9	.5	.5		.1				5.2	11.7
VARIABLE													
CALM	////////////////////											29.0	////
TOTALS	1.2	17.3	19.9	23.6	6.7	1.5	.3	.4				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS/LSY: 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	2.4	4.3	7.5	1.9	.1		.1			16.5	12.0
NNE		.7	3.6	5.2	1.4	.2		.2			11.3	13.3
NE		.6	1.4	1.1	.8						3.9	11.9
ENE		.2	1.3	1.6	.6	.1	.1				3.9	13.4
E		.3	.8	.4	.4	.1					2.1	12.3
ESE		.2	.6	.2							1.0	9.3
SE				.6	.1						.7	14.8
SSE		.8	.3	.3	.4	.2					2.1	11.7
S	.1	1.1	2.2	2.9	.3	.1					6.8	10.9
SSW	.1	1.3	.9	2.3	.6	.2	.1				5.5	12.0
SW		1.1	.4	.9	.2						2.7	9.1
WSW	.1	1.8	.2	.1							2.2	5.4
W		2.9	2.1	1.4	.2	.1					6.8	9.8
WNW	.2	2.4	1.7	.6	.1	.1					5.1	8.0
NW	.1	2.4	1.0	1.0		.2					4.8	8.5
NNW	.2	3.1	2.6	2.2	.6	.3					9.0	9.8
VARIABLE												
CALM	////////////////////										15.6	////
TOTALS	1.0	21.4	23.4	28.4	7.7	1.9	.2	.3			100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: MELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		2.2	5.7	4.3	1.1	.4					13.6	11.2
NNE		1.0	1.6	5.9	1.5		.2	.1			10.4	13.6
NE		.7	1.1	2.6	.8	.1					5.2	12.8
ENE		.4	1.7	1.6	.2	.5	.2	.1			4.9	13.8
E		.9	1.6	1.4							3.9	10.0
ESE		.1	.3								.4	8.0
SE	.1	.1	.1	.1							.4	7.3
SSE		1.2	1.1	1.2	.5						4.0	10.3
S	.1	3.3	2.5	2.4	1.0						9.3	9.8
SSW	.2	3.5	1.5	2.8	.3	.4	.1				9.0	10.1
SW	.1	1.1	.3	.7	.1						2.3	8.5
WSW	.1	1.6	.2	.2							2.2	5.8
W	.3	1.9	.4	1.2	.2						4.0	8.6
WNW		2.0	.9	.1							2.9	6.4
NW		1.3	1.1	.8	.5	.3					3.8	11.5
NNW		2.1	2.8	3.6	1.9	.2					10.6	11.9
VARIABLE												
CALM	////////////////////										12.9	////
TOTALS	1.0	23.0	23.1	28.9	8.2	2.1	.5	.2			100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	3.6	6.3	4.6	1.5	.1					16.4	10.4
NNE	.4	1.5	3.5	3.7	.7	.3	.2	.2			10.6	11.8
NE		2.3	1.6	2.0	.7	.1	.3				7.0	10.9
ENE	.1	1.9	2.4	.9	.1	.1	.1				5.6	9.2
E	.4	2.5	1.1	1.4	.5			.1			6.1	9.3
ESE	.7	1.4	.5	.2	.1						3.0	6.0
SE	.2	1.5	.7	.5							3.0	6.8
SSE	.2	1.6	.8	.5	.1						3.3	7.7
S	.2	1.4	1.3	1.2	1.0						5.1	10.3
SSW		.7	1.0	1.1	.3	.3	.1				3.5	12.4
SW		.3	.9	.9	.3	.1					2.5	12.2
WSW		.4	.5	.7							1.6	9.9
W	.2	.3	.4	.9							1.9	9.8
WNW		.7	.1	.2	.1						1.1	8.0
NW	.1	.1	.1	.5	.4						1.3	13.5
NNW	.1	1.0	1.3	2.8	1.3	.3					6.9	13.0
VARIABLE		.1									.1	4.0
CALM	////////////////////										21.0	////
TOTALS	3.0	21.4	22.6	22.2	7.2	1.4	.8	.3			100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(1511): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		4.8	5.5	3.5	1.1	.2					15.1	9.7
NNE		3.3	2.7	3.0	1.4	.1	.7				11.2	11.4
NE	.3	2.0	.9	1.6	.3		.1				5.3	9.5
NNE	1.1	1.4	1.4	2.0	.2						6.1	8.8
E	.1	1.6	1.6	1.4	.3						5.2	9.1
ESE	.2	.8	.9	.1							2.0	6.8
SE	.2	1.4	.7	.7							3.0	7.3
SSE	.2	1.1	.7	.4	.1						2.5	7.9
S		.5	.4	1.2	.3						2.5	11.5
SSW		.3	.9	1.3	.7	.2					3.4	13.1
SW		.2	.3	.7	.5	.1					1.9	14.5
WSW		.5	.5	.2							1.3	7.8
W	.2	.1	.7	1.3	.3						2.6	11.4
WNW		.1	.8	.7							1.5	10.2
NW		.3	.1	.7	.2						1.3	11.8
NNW	.1	1.0	1.1	3.4	.7						6.3	12.1
VARIABLE												
CALM	////////////////////										28.8	////
TOTALS	2.5	19.6	19.2	22.2	6.3	.7	.8				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLINIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.2	3.9	5.3	5.1	1.2	.2	.0	.0				16.0	10.5
NNE	.1	2.3	3.0	3.9	1.1	.3	.2	.1				11.1	11.7
NE	.2	1.8	1.3	1.6	.5	.1	.1					5.5	10.2
ENE	.4	1.6	1.6	1.5	.4	.2	.1	.0				5.7	9.9
E	.2	1.5	.9	1.2	.5	.1		.0				4.3	10.0
ESE	.2	.7	.4	.2	.0	.0						1.6	7.1
SE	.1	.9	.5	.4	.0							1.9	7.7
SSE	.1	1.1	.7	.7	.2	.0						2.9	9.0
S	.1	1.1	1.2	1.4	.4	.1						4.2	10.6
SSW	.0	.8	.9	1.7	.5	.2	.1					4.3	12.2
SW	.0	.5	.5	.8	.2	.1						2.1	11.5
WSW	.1	.9	.4	.4	.1							1.8	8.0
W	.1	.9	.9	.8	.2	.0	.0					2.9	9.7
WNW	.0	.9	.7	.4	.1	.0						2.0	8.5
NW	.1	.7	.6	.7	.2	.1	.0					2.4	10.6
NNW	.1	1.3	1.7	2.2	.8	.2	.0	.0				6.3	11.8
VARIABLE											.0	4.0	
CALM	////////////////////										24.9	////	
TOTALS	2.0	20.8	20.7	23.0	6.3	1.6	.5	.2				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 7274

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0000-0400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	6.5	5.0	3.3	.1						15.4	8.0
NNE	.4	3.5	5.1	4.2	1.5	.2					14.9	10.5
NE	.2	1.5	1.8	2.9							6.4	10.0
ENE	.2	2.2	1.5	1.9	.2	.1					6.2	9.5
E	.5	1.9	.5	1.5	.5						4.8	9.1
ESE	.2	.4	.2	.5							1.3	8.8
SE		1.2	.8	.8							2.9	8.4
SSE	.1	1.7	1.0	1.5							4.2	8.9
S		.2	1.8	1.3	.2						3.6	11.3
SSW		.1	.4	1.5	.1						2.1	12.8
SW			.1	1.0							1.1	12.1
WSW	.1			.1							.2	7.5
W		.4	.4								.7	6.8
WNW		.1	.2								.4	7.0
NW	.1	.4	.5	1.0	.1						2.1	11.7
NNW	.1	1.1	.8	.8	.1						3.0	9.0
VARIABLE												
CALM	////////////////////										30.7	////
TOTALS	2.5	21.2	20.1	22.2	2.9	.4					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 827

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167167 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	1.2	6.9	5.3	2.1	.5			15.9	7.7
NNE	.1	3.1	4.0	4.7	1.3	.1		13.4	10.6
NE	.4	2.7	.8	2.5	.7			7.1	9.7
ENE	.6	3.1	1.8	1.2	.1	.2		7.1	8.1
E	.6	2.4	.7	1.1	.1	.1		5.1	7.5
ESE		.5	.7	.4				1.6	8.8
SE	.4	1.6	.7	.8	.1			3.6	7.8
SSE	.1	2.1	1.3	.8				4.4	7.9
S		.7	.8	1.6	.5			3.6	11.4
SSW		.1	1.0	1.0	.4	.1		2.5	12.8
SW		.4	.2	.1				.7	8.2
WSW			.4	.1				.5	10.0
W		.1						.1	6.0
WNW		.2		.1				.4	8.3
NW		.4	.4	.2	.1			1.1	9.9
NNW	.2	1.3	.5	1.0	.5			3.5	9.9
VARIABLE									
CALM	////////////////////							29.3	////
TOTALS	3.6	25.5	18.8	17.8	4.4	.6		100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENINON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	6.3	4.3	3.6	.4	.2						15.4	8.6
NNE		5.0	3.8	4.6	1.3							14.8	10.3
NE	.4	3.8	1.7	2.7	.6							9.1	9.1
ENE	.6	3.5	.9	1.3	.4	.2						6.9	8.2
E	.4	2.3	.7	1.0	.4							4.7	8.2
ESE	.1	1.1	.2	.6	.1							2.2	8.3
SE		1.2	.9	1.0	.5							3.5	10.1
SSE		1.7	1.2	1.6	.4							4.9	9.7
S		.9	1.7	1.1	.1							3.8	9.7
SSW			.2	1.5	.2	.1						2.1	14.1
SW		.2		.4								.6	10.0
WSW		.1		.1								.2	8.0
W	.1	.1	.2									.5	5.8
WNW			.4									.4	8.3
NW	.1	.4	.1	.4								1.0	7.9
NNW		.5	.1	1.5	.1							2.2	11.8
VARIABLE													
CALM	////////////////////											27.7	////
TOTALS	2.3	27.1	16.4	21.3	4.5	.6						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 74-87
MONTH: FEB HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	.2	3.1	6.1	3.9	1.7	.2		15.3	10.5
NNE	.1	2.4	4.0	7.9	1.5	.1		16.0	11.8
NE		1.2	1.2	1.6	1.1			5.1	12.0
ENE		.8	1.5	2.5	.8	.2		5.9	12.8
E	.1	.5	1.0	1.2	.5	.1		3.4	11.5
ESE	.1	.2	.4	.6				1.3	9.9
SE		.7	1.0	1.2	.2			3.1	11.2
SSE	.1	1.7	1.9	1.3	.8			5.9	10.2
S	.2	.6	1.1	2.1	.6			4.6	11.8
SSW	.1	.7	.8	1.5	.5	.1		3.8	11.4
SW		.1	.2	.1				.5	9.5
WSW	.1	.2			.1			.5	7.3
W	.5	.6	.6	.4	.1			2.2	7.6
WNW		1.7	.2	.1				2.1	6.1
NW	.1	1.3	1.1	.2				2.8	6.8
NNW		1.9	.8	1.3	.1			4.2	8.9
VARIABLE									
CALM	////////////////////							21.4	////
TOTALS	1.9	18.0	21.9	25.9	8.1	.8		100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 826

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.6	4.5	3.8	1.5	.2	.1				12.0	11.7
NNE		1.5	2.9	6.0	1.8	1.1					13.4	13.5
NE		.2	.9	3.2	1.6	.1					6.0	14.3
ENE			2.2	1.8	1.2	.2					5.5	13.6
E		.4	.7	1.6	.9						3.6	12.9
ESE		.2	.1	.1	.1						.6	10.2
SE		.2	.4	.5	.2						1.3	12.3
SSE	.1	.4	1.8	2.9	.9						6.1	12.4
S		.5	2.7	3.1	.9	.1					7.2	12.1
SSW	.1	2.1	1.8	2.1	.5	.1					6.7	10.0
SW	.1	2.0	.1	.5	.1						2.8	6.9
WSW	.4	3.2	.5								4.0	5.1
W	.2	5.4	1.1	.4							7.1	6.0
WNW	.2	2.1	2.0	.2	.1						4.7	7.3
NW	.1	2.3	1.0	.6	.4						4.4	7.9
NNW		1.5	1.7	1.7	.2						5.1	9.6
VARIABLE												
CALM	////////////////////										9.3	////
TOTALS	1.6	23.5	24.5	28.6	10.4	2.0	.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: MELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.6	3.1	4.0	1.2						8.9	11.9
NNE		1.1	2.8	7.6	2.7	.4	.1				14.7	13.5
NE			1.7	4.0	.6						6.3	13.2
ENE		.7	1.3	3.7	.9	.1					6.7	12.6
E		.5	1.2	2.2	.2						4.2	12.0
ESE		.4	.2	.6	.1						1.3	10.8
SE		.1	.9	.9	.2						2.1	11.5
SSE		1.3	1.7	3.3	.7						7.1	11.3
S	.4	2.4	3.1	2.9	1.1						9.9	10.2
SSW	.2	3.7	5.4	1.3	.6						11.2	8.5
SW		2.4	.7								3.2	5.7
WSW	.1	2.0	.1	.2							2.4	5.5
W	.2	2.6	1.2	.6							4.6	7.1
WNW	.1	.7	1.1	.5	.1						2.6	8.7
NW		.7	1.0	.5	.4						2.6	10.1
NNW		1.0	2.1	1.0	.2						4.3	9.9
VARIABLE												
CALM	////////////////////										7.9	////
TOTALS	1.1	20.3	27.6	33.3	9.2	.5	.1				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 1800-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.8	3.3	3.6	.5	.2					9.4	10.9
NNE	.1	1.3	4.3	5.0	2.1	.5					13.3	12.5
NE	.1	1.0	3.3	3.7	.8	.2					9.2	11.5
ENE	.5	1.2	2.9	3.6	.5	.1					8.8	10.6
E	.1	1.2	1.9	2.9	.4	.2					6.8	11.1
ESE		1.0	.6	.7							2.3	8.2
SE	.4	1.4	1.2	1.3	.1						4.5	8.6
SSE	.8	2.8	1.3	2.3	.4						7.6	8.6
S	.2	3.0	.8	1.7	.6						6.4	9.1
SSW		2.1	.8	1.0	.6						4.5	9.5
SW		.5	.4	.4	.1	.1					1.4	10.8
WSW	.1	.4	.4	.1							1.0	6.9
W		.8	.2	.2							1.3	7.5
WNW		.4	.2	.4							1.0	8.5
NW		1.0	.6	.2	.1						1.9	8.6
NNW		.7	1.8	1.7	.2						4.5	10.4
VARIABLE												
CALM	////////////////////										16.2	////
TOTALS	2.4	20.5	24.2	28.9	6.4	1.4					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 828

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167163 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(1571): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.1	2.5	4.5	2.7	.5							10.2	9.6
NNE	.4	2.5	4.7	4.7	1.2	.1						13.6	10.7
NE	.4	2.5	1.9	2.5	.4							7.7	9.4
ENE	.2	2.0	3.9	3.1	.6	.1						10.0	10.2
E	.7	2.3	1.8	1.6	.2							6.6	8.2
ESE	.5	1.2	.5	.2								2.4	6.1
SE	.6	.4	.8	1.4	.2							3.5	9.9
SSE	.2	.8	1.6	1.7	.2							4.6	10.4
S		.6	1.4	1.9	.2							4.2	11.3
SSW	.1	.5	.6	.5	.1							1.8	9.4
SW			.4	.6								1.0	11.5
WSW		.8	.4									1.2	6.0
W		.2	.1	.1								.5	8.3
WNW		.5	.4	.1								1.0	8.1
NW	.2	.5	.4	.7								1.8	8.5
NNW		.5	1.4	.7								2.7	9.4
VARIABLE													
CALM	////////////////////											27.2	////
TOTALS	3.5	18.0	24.7	22.7	3.7	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	3.7	4.5	3.4	.8	.1	.0				12.8	9.6
NNE	.1	2.6	4.0	5.6	1.7	.3	.0				14.3	11.7
NE	.2	1.6	1.7	2.9	.7	.0					7.1	11.0
ENE	.3	1.7	2.0	2.4	.6	.2					7.2	10.6
E	.3	1.4	1.1	1.6	.4	.1					4.9	9.8
ESE	.1	.6	.4	.5	.0						1.6	8.5
SE	.2	.9	.8	1.0	.2						3.1	9.6
SSE	.2	1.6	1.5	1.9	.4						5.6	10.0
S	.1	1.1	1.7	2.0	.5	.0					5.4	10.8
SSW	.1	1.2	1.4	1.3	.4	.1					4.3	10.2
SW	.0	.7	.3	.4	.0	.0					1.4	8.3
WSW	.1	.8	.2	.1	.0						1.3	5.9
W	.1	1.3	.5	.2	.0						2.1	6.7
WNW	.0	.7	.6	.2	.0						1.5	7.6
NW	.1	.9	.6	.5	.1						2.2	8.7
NNW	.0	1.1	1.2	1.2	.2						3.7	9.8
VARIABLE												
CALM	////////////////////										21.5	////
TOTALS	2.4	21.4	22.3	25.1	6.2	.8	.0				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 6595

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
 MONTH: MAR HOURS ILST: 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	6.9	4.5	2.9	.3						14.8	8.1
NNE	.5	3.8	3.4	3.6	.8						12.2	9.7
NE	.2	1.3	.4	1.0	.2						3.2	9.3
ENE	.4	3.3	1.2	1.3	.1		.1				6.5	8.0
E	.5	1.5	1.1	.4	.1	.1					3.8	7.4
ESE	.3	.3	.3	.2	.1						1.3	8.0
SE	.2	.9	.8	.8	.1						2.7	9.2
SSE	.4	2.0	1.4	.5							4.4	6.9
S	.2	.9	.8	.4	.1						2.4	7.9
SSW		.1		.2	.2						.5	14.0
SW		.2	.1								.3	5.3
WSW		.7	.2	.1							1.0	6.3
W	.1	.2	.7	.1							1.1	7.9
WNN		.1	.2								.3	7.3
NW	.5	.3	.3	.2	.7	.2					2.3	11.8
NNW		1.5	.9	1.1	.1						3.6	8.9
VARIABLE												
CALM	////////////////////										39.3	////
TOTALS	3.9	24.2	16.4	13.0	2.9	.3	.1				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.6	5.5	4.5	2.8	.1							13.5	8.2
NNE	.2	4.3	3.0	3.2	.6	.1						11.4	9.1
NE	.4	.7	1.1	1.6	.4	.1						4.3	10.7
ENE	.7	2.1	1.3	1.8	.3							6.2	8.5
E	.7	2.1	.9	1.0	.1	.1						4.9	7.7
ESE	.1			.1								.2	8.5
SE	.2	1.2	.2	.6	.1							2.3	7.7
SSE	.4	1.0	.7	.6								2.7	7.6
S	.3	.4	1.4	1.1								3.3	9.4
SSW		.1	.1	.3	.1							.7	12.0
SW		.2		.1	.1							.4	10.8
WSW		.1	.3									.4	7.8
W	.1	.1	.1	.6								.9	9.9
WNW		.2	.2	.1	.2	.1						.9	13.3
NW		.6	.1	.4	.2		.1					1.4	11.7
NNW	.2	1.1	1.0	1.1	.4	.1						4.0	10.4
VARIABLE													
CALM	////////////////////											42.4	////
TOTALS	4.0	19.8	15.1	15.3	2.8	.6	.1					109.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0600-0000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	6.2	5.5	2.0	.3						14.3	7.8
NNE	.4	3.4	2.3	3.9	.7	.1					10.8	10.1
NE	.2	2.1	1.1	1.2	.7	.1	.1				5.5	10.0
ENE	.3	2.3	1.7	1.9	.3						6.5	8.8
E	.3	.9	1.0	1.2	.6	.1					4.1	10.5
ESE	.1	.3	.4	.2							1.1	8.3
SE		.6	.7	.3	.1						1.7	9.1
SSE		1.3	1.2	.8	.1						3.4	8.5
S		.3	.6	.7							1.5	9.9
SSW		.2	1.0	.3							1.5	9.1
SW		.2	.3								.6	7.6
WSW	.1	.3	.2								.7	6.2
W	.1	.1	.2				.1				.6	10.6
WNW			.3	.1	.1						.6	11.8
NW		.4	.1	.6	.2	.1					1.4	12.4
NNW		1.1	1.2	1.1	.6						4.0	10.5
VARIABLE												
CALM	////////////////////////////////////											41.7
TOTALS	2.0	19.9	17.9	14.2	3.6	.4	.2				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 906

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(UT): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	4.5	4.2	3.2	.8	.1					12.6	9.6
NNE	.1	1.0	2.6	5.8	1.7	.1	.1				11.4	13.1
NE		.6	1.6	1.6	.6	.3	.1				4.7	13.0
ENE		.7	2.0	1.5	.3						4.5	10.4
E		.2	.7	1.1	.2	.1					2.3	12.6
ESE		.1	.1	.2							.4	9.0
SE		.6	.3	.2							1.1	7.5
SSE		.7	1.6	1.5	.4						4.1	10.9
S	.1	1.6	1.8	.9	.8						5.1	10.0
SSW	.1	1.1	.9	.6		.1					2.8	8.4
SW	.2	1.7	.6	.3							2.8	6.3
WSW	.2	1.8	.1	.2							2.3	5.9
W	.1	4.6	.2	.1	.2						5.2	5.8
WNW	.3	2.5	.8	.1	.1						3.8	6.0
NW	.6	2.8	1.2	.9	.4						5.9	7.9
NNW	.1	1.9	1.9	1.5	.7	.2					6.2	10.2
VARIABLE		.1									.1	4.0
CALM	////////////////////										24.4	////
TOTALS	2.1	25.8	20.5	19.6	6.2	1.7	.2				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.2	2.0	3.1	.7	.6					7.5	12.1
NNE		.9	2.2	5.5	1.7	.8		.2			11.2	14.4
NE		.7	1.1	2.3	.8						4.8	12.7
ENE	.1	.6	1.9	1.7	.2						4.4	10.5
E		.2	1.5	1.1	.6						3.4	12.1
ESE	.1			.3							.4	10.8
SE			.3	.1	.2						.7	13.3
SSE	.1		1.0	1.5	.2						2.9	12.0
S	.1	.7	3.3	2.8	.9	.2					7.9	11.7
SSW	.3	2.6	2.9	1.8	.1	.1					7.8	9.0
SW	.2	4.3	2.5	.2	.1						7.4	6.8
WSW	.2	5.1	2.9	.4	.2						8.8	6.7
W	.4	6.5	2.4	.7	.1	.1					10.2	6.7
WNW	.1	3.7	2.3	.1							6.3	6.4
NW		1.1	.8	.7	.6	.2					3.3	11.3
NNW		.8	1.3	2.4	.6	.1					5.2	12.0
VARIABLE												
CALM	////////////////////										7.7	////
TOTALS	1.8	28.3	28.4	24.7	6.8	2.1		.2			100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N		.7	1.1	4.8	.9	.2		7.6	13.1
NNE		.8	2.2	5.9	1.1	.3		10.3	13.0
NE		.8	1.2	2.5	.6	.1		5.2	12.7
ENE	.1	1.7	2.8	3.2	.2			8.0	10.2
E	.1	.8	2.0	2.5	.1			5.5	10.8
ESE		.4	.3	.2	.1			1.1	9.4
SE		.2	.3	.4	.1			1.1	11.3
SSE		.3	1.2	2.0	.1			3.7	11.4
S	.2	2.8	4.7	5.1	.7	.2		13.6	10.6
SSW	.1	3.9	6.8	3.8	.3	.1		15.0	9.3
SW	.1	3.7	3.5	1.0				8.3	7.5
WSW		2.7	.3	.2	.1			3.3	6.5
W	.2	3.1	1.0	.2				4.5	6.0
WNW	.1	.8	.6	.2	.1			1.8	8.2
NW		.3	1.4	.7	.1	.1		2.7	10.7
NNW		.2	.4	1.4	.6	.1		2.8	14.2
VARIABLE									
CALM	////////////////////							5.4	////
TOTALS	1.0	23.1	29.9	34.3	5.1	1.2		100.3	9.8

TOTAL NUMBER OF OBSERVATIONS: 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS/DAY: 1800-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.1	1.4	1.9	2.8	.2	.2						6.7	10.8
NNE	.1	.8	3.9	4.1	.7							9.5	11.2
NE	.2	1.4	1.4	2.0	.7							5.7	10.4
ENE		2.1	4.6	4.1	.4							11.2	10.1
E		2.1	4.1	3.7	.4							10.3	10.5
ESE		.7	.4	.1								1.2	7.3
SE	.1	.8	1.0	.3								2.2	7.8
SSE	.1	3.6	1.9	2.2	.1							7.9	8.5
S	.5	6.9	5.4	1.5	.2	.2						14.8	7.6
SSW	.1	2.4	3.1	.9	.1							6.6	8.3
SW		.5	.1	.1	.1							.9	8.3
WSW		.9	.2	.1								1.2	6.7
W		.3	.2	.1	.2							.9	11.0
WNW	.1	.4	.2	.4								1.2	8.7
NW		.3	.8	.3	.1	.2						1.8	11.8
NNW		.8	1.2	1.6	.4							4.1	11.2
VARIABLE		.1										.1	6.0
CALM	////////////////////											13.9	////
TOTALS	1.4	25.5	30.3	24.4	3.7	.7						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16716C STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	3.7	4.1	2.4	.7						11.2	9.1
NNE		2.6	3.3	3.1	1.0	.1					10.1	10.7
NE		2.1	2.0	.8	.3	.1					5.3	8.8
ENE	.2	3.1	3.2	1.5							8.0	8.1
E	.3	1.2	2.8	.9	.7						5.8	10.1
ESE	.7	.3	.3	.3							1.3	7.4
SE	.1	2.3	.9	.1	.2						3.6	7.1
SSE	.4	2.5	1.2	1.8							6.0	7.9
S	.1	1.7	1.9	1.2	.1						5.0	8.3
SSW		.2	.1	.3	.2						.9	12.0
SW		.2	.3	.1	.1						.8	9.3
WSW		.1	.1		.1						.3	11.3
W		.1	.6	.1							.8	8.9
WNW		.6	.2	.1							.9	7.3
NW		.3	.6	1.1	.3	.1					2.4	12.5
NNW	.3	1.4	2.1	1.3	.4						5.6	9.5
VARIABLE		.1									.1	5.0
CALM	////////////////////										31.8	////
TOTALS	2.2	22.7	23.6	15.2	4.2	.3					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	3.7	3.5	3.0	.5	.1						11.0	9.4
NNE	.2	2.2	2.9	4.4	1.0	.2	.0	.0				10.9	11.4
NE	.1	1.2	1.2	1.6	.5	.1	.0					4.8	11.0
ENE	.2	2.0	2.3	2.1	.2		.0					6.9	9.3
E	.2	1.1	1.8	1.5	.3	.1						5.0	10.1
ESE	.1	.3	.2	.2	.0							.9	8.3
SE	.1	.8	.6	.4	.1							1.9	8.5
SSE	.2	1.4	1.3	1.4	.1							4.4	9.0
S	.2	1.9	2.5	1.7	.3	.1						6.7	9.4
SSW	.1	1.3	1.8	1.0	.1	.0						4.5	9.1
SW	.1	1.4	.9	.2	.1							2.7	7.3
WSW	.1	1.4	.6	.1	.1							2.3	6.6
W	.1	1.9	.7	.2	.1	.0	.0					3.0	6.9
WNW	.1	1.0	.6	.2	.1	.0						2.0	7.3
NW	.1	.8	.7	.6	.3	.1	.0					2.7	10.6
NNW	.1	1.1	1.3	1.4	.5	.1						4.4	10.7
VARIABLE												.0	5.0
CALM	////////////////////											25.8	////
TOTALS	2.3	23.7	22.8	20.1	4.4	.8	.1	.0				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 7244

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	5.4	4.6	2.3	.1	.1					12.6	8.3
NNE		2.7	1.0	1.1		.1					5.0	8.3
NE	.5	1.4	.3	.3							2.5	6.0
ENE	.3	2.3	.3	.3	.1						3.4	6.1
E		1.0	.6	.3							1.9	7.0
ESE		.3	.2		.1						.7	8.8
SE		.9	.3	.1							1.4	6.8
SSE	.1	1.3	2.3	.2							3.9	7.4
S	.1	1.9	.8	.5							3.3	6.7
SSW		.5		.1	.1	.1					.8	11.6
SW	.1	.1	.1	.1							.5	7.8
WSW		.1		.1							.2	10.0
W		.2	.2	.3							.8	9.7
WNW		.2	.1	.2	.1	.1					.8	12.9
NW		1.0	1.1	1.3	.6	.2					4.2	11.5
NNW	.2	2.1	2.9	3.5	.9						9.6	10.9
VARIABLE												
CALM	////////////////////											48.4
TOTALS	1.5	21.5	15.0	11.0	2.1	.7					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	7.4	2.9	1.9	.2							13.1	7.2
NNE	.1	2.2	1.4	1.1	.2	.2						5.3	9.3
NE	.5	1.4	1.3	.5	.1							3.7	7.2
ENE	.7	1.5	.2	.5								2.9	6.0
E	.6	2.2	.2	.3	.5	.1						3.9	7.6
ESE	.1	.7										.8	4.3
SE	.2	1.1	.5	.3								2.2	6.9
SSE	.2	1.0	.2	.5								1.9	6.6
S		.5	1.3	.2		.1						2.1	9.6
SSW		.1		.1								.2	9.0
SW		.1	.1									.2	6.0
WSW		.1	.1									.2	5.5
W	.1	.2	.7	.5								1.5	9.5
WNW	.1	.1	.5	.5								1.1	10.4
NW	.1	.9	.5	.6	.3	.1						2.5	10.2
NNW	.1	2.2	1.3	2.9	.3	.1						6.8	10.2
VARIABLE													
CALM	////////////////////											51.6	////
TOTALS	3.5	21.7	11.0	9.8	1.7	.7						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	7.0	3.4	1.9	.2						12.9	7.4
NNE	.1	3.9	2.3	1.3	.3	.2					8.1	8.3
NE	.1	1.3	.3	.3							2.1	7.2
ENE	.2	1.6	.2	.6	.1						2.7	7.2
E	.2	.9	.9	.1							2.2	6.9
ESE	.1	.3		.7							1.1	9.6
SE	.1	1.6	.2								1.9	5.0
SSE	.1	.9	1.4	.7	.1						3.2	8.6
S	.2	1.1	.9	.5	.1						2.9	7.8
SSW		.1		.1	.1						.3	13.0
SW		.3	.1								.5	6.5
WSW		.1		.2							.3	10.3
W	.1	.9	.2	.2							1.5	6.7
WNW	.3	.9	.5	.3	.1						2.2	7.4
NW		1.3	.8	.7	.3						3.1	9.4
NNW	.3	2.4	1.7	1.9	.6						7.0	9.4
VARIABLE												
CALM	////////////////////////////////////										47.9	////
TOTALS	2.4	24.7	13.0	9.6	2.1	.2					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 874

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0900-1100

DIRECTION (DEGREE S)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		2.0	2.8	1.7	.1						6.7	9.0
NNE		1.0	1.6	3.2	1.0	.3	.1				7.2	12.8
NE		.5	.7	.7	.5						2.3	11.9
ENE		.7	.5	.7							1.8	9.3
E		.2	.7	.9							1.8	10.9
ESE			.2	.2							.5	11.3
SE		.3	.2	.3							.9	8.8
SSE		.9	.7	1.1	.1						2.8	10.1
S		.8	3.1	1.5	.3						5.7	10.5
SSW	.5	1.6	.9	.7							3.6	7.2
SW	.1	2.6	.7	.1							3.5	6.1
WSW	.5	4.1	.6	.3	.1						5.5	5.7
W	.5	7.5	2.1	.5							10.5	5.9
WNW	.1	6.3	3.2	.3	.2						10.2	6.7
NW	.1	4.3	1.5	1.7		.1					7.7	8.0
NNW	.2	3.2	2.7	3.2	.7						10.0	9.7
VARIABLE												
CALM	////////////////////										19.3	////
TOTALS	1.9	36.0	22.1	17.1	3.1	.5	.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 984

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.7	.9	1.5	.2						3.3	11.0
NNE		.1	1.6	2.4	.9	.2	.2				5.5	14.4
NE	.1		.6	1.5	.2						2.4	13.0
ENE		.7	.7	1.4	.2						3.0	11.3
E		.3	1.5	1.0	.1						3.0	10.8
ESE		.5	.3	.3							1.1	8.2
SE		.3	.5	.2							1.0	8.9
SSE		.7	.7	.8	.1						2.3	10.1
S	.1	.8	5.0	3.0	.9						9.8	11.0
SSW	.1	2.8	6.0	2.6	.1						11.7	9.0
SW	.1	5.9	4.6	1.4							11.9	7.4
WSW	.3	9.4	2.7	.2							12.7	5.9
W		6.5	4.4	.9							11.8	7.1
WNW	.1	3.0	3.8	.7	.5						8.0	8.3
NW		1.1	1.1	2.2	.5						4.9	11.0
NNW	.1	.5	.7	1.6	.7		.1				3.6	13.2
VARIABLE												
CALM	////////////////////										4.7	////
TOTALS	1.0	33.3	35.0	21.6	4.4	.2	.3				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 879

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.1	1.4	1.6	.1	.1					3.3	11.9
NNE		.1	1.4	3.4	.8	.6					6.3	14.6
NE		.1	.8	1.0	.2						2.2	11.9
ENE		.5	1.5	1.6	.3	.2					4.1	11.9
E		.8	1.6	2.6	.6	.1					5.7	11.9
ESE		.1	.6	.6							1.3	10.1
SE	.1	.5	.6	.2							1.4	8.0
SSE		.6	1.9	.8	.2						3.5	10.2
S		1.6	6.6	5.6	.9	.1					14.8	11.0
SSW	.2	3.5	14.2	8.2	.3						26.5	9.9
SW	.1	2.7	4.8	1.6							9.2	8.6
WSW		3.8	1.9	.2							5.9	6.3
W		2.2	1.8	.9							4.9	8.3
WNW		.9	.2	.7	.2						1.9	9.6
NW		.3	.7	.6	.2						1.8	10.9
NNW	.1	.3	.2	.9	.9	.1					2.6	14.3
VARIABLE												
CALM	////////////////////////////////////										4.5	////
TOTALS	.6	18.0	40.2	30.6	4.9	1.3					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.1	1.2	.5	.2	.5					3.5	11.1
NNE		.7	1.1	2.6	.2	.1					4.8	11.9
NE		1.0	1.8	1.5							4.3	9.7
ENE	.1	1.0	2.8	1.8	.5						6.2	10.3
E	.1	1.9	2.8	3.4	.5						8.7	10.5
ESE	.1	.5	.5	.2	.1						1.4	8.4
SE	.5	1.9	1.0	.2	.1						3.7	6.8
SSE	.5	4.0	3.2	1.5	.1						9.2	7.6
S	.5	8.4	7.8	3.4	.2	.1					20.5	8.2
SSW	.2	3.2	4.4	1.6	.2						9.7	8.2
SW		1.1	.7	.1							1.9	6.7
WSW	.2	.5	.3	.1							1.1	6.3
W	.1	.5	.2	.7							1.5	9.6
WNW		.6	.3	.3							1.2	8.6
NW		.3	.6	1.2	.5						2.6	12.3
NNW	.1	.7	.8	1.8	1.1	.5	.1				5.1	14.1
VARIABLE												
CALM	////////////////////										14.4	////
TOTALS	2.4	27.4	29.8	21.0	3.7	1.1	.1				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 980

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	3.9	1.6	.8	.5	.1					7.4	7.7
NNE	.1	1.4	1.3	1.9	.3						5.0	10.3
NE	.2	1.3	1.0	.7	.1						3.3	8.1
ENE	.6	1.6	1.6	.8	.2						4.8	8.0
E	.5	1.9	1.1	.5	.2						4.2	7.2
ESE	.2	1.0	.2	.2							1.7	6.1
SE	1.3	1.1	.6	.5							3.4	5.6
SSE	.3	4.1	2.3	1.0							7.8	7.1
S	.2	3.7	1.5	1.5							6.9	7.4
SSW		.7	.5								1.1	6.5
SW	.1	.1		.5							.7	9.7
WSW	.1	.1		.2							.5	8.3
W	.1	.2	.2								.6	6.4
WNW	.1	.3	.2	.3	.3						1.4	11.0
NW		.6	.7	1.8	.2	.2					3.6	12.7
NNW	.1	1.7	2.7	2.7	1.3	.3					9.9	11.7
VARIABLE												
CALM	////////////////////////////////////										38.6	////
TOTALS	4.6	23.8	15.6	13.5	3.2	.7					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 873

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	3.4	2.4	1.5	.2	.1					7.9	8.4
NNE	.0	1.5	1.5	2.1	.5	.2	.0				5.9	11.2
NE	.2	.9	.9	.8	.1						2.8	9.2
ENE	.2	1.2	1.0	1.0	.2	.0					3.6	9.0
E	.2	1.2	1.2	1.2	.2	.0					3.9	9.5
ESE	.1	.4	.3	.3	.0						1.1	8.1
SE	.3	1.7	.5	.2	.0						2.7	6.7
SSE	.2	1.7	1.6	.8	.1						4.3	8.1
S	.1	2.4	3.4	2.0	.3	.0					8.2	9.3
SSW	.1	1.6	3.2	1.7	.1	.0					6.8	9.2
SW	.1	1.6	1.4	.5							3.6	7.6
WSW	.1	2.3	.7	.2	.0						3.3	6.1
W	.1	2.3	1.3	.5							4.1	7.1
WNW	.1	1.5	1.1	.4	.2	.0					3.4	8.1
NW	.0	1.2	.9	1.3	.3	.1					3.8	10.4
NNW	.2	1.6	1.6	2.3	.8	.1	.0				6.7	11.2
VARIABLE												
CALM	////////////////////////////////////										28.6	////
TOTALS	2.2	25.8	22.7	16.8	3.1	.7	.1				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 7748

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON AHS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS/LSY: 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	5.7	3.7	2.6								12.7	7.8
NNE	.3	1.9	.9	1.4		.1						4.6	8.7
NE	.2	1.2	.3									1.8	5.6
ENE	.2	.3	.3	.2								1.1	7.5
E	.1	.3	.3	.3	.2							1.3	10.3
ESE	.2	.2										.4	3.8
SE		.7	.1	.1								.9	5.9
SSE	.7	1.6	1.3	.2								3.8	6.4
S		1.8	.5	.3								2.6	6.5
SSW		.1	.1	.2								.4	11.3
SW		.2	.1									.3	7.0
WSW													
W		.4										.4	5.3
WNW		.4	.2	.1	.1							.9	9.0
NW		.4	1.3	.9	.1							2.7	10.2
NNW	.4	3.0	2.6	3.9	.4							10.4	10.1
VARIABLE													
CALM	////////////////////											55.5	////
TOTALS	2.8	18.3	11.9	10.4	.9	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	7.1	3.7	1.9	.1						14.5	6.9
NNE	.1	2.4	1.4	1.1	.4						5.5	8.8
NE	.1	1.0	.2	.3							1.6	6.7
ENE	.2	.8	.5	.8	.1						2.4	9.1
E	.2	.5	.1	.2							1.1	6.1
ESE	.2										.2	2.5
SE	.2	.7	.1								1.0	5.0
SSE	.1	1.2	1.1	.1	.1						2.6	7.3
S	.1	1.0	.4	.1							1.6	6.4
SSW		.1	.2								.3	8.0
SW	.1		.2	.1							.4	9.3
WSW			.1								.1	8.0
W		.4	.1								.5	5.4
WNW	.2	.3	.1	.1							.8	6.3
NW	.1	.4	.5	1.2	.3						2.6	11.2
NNW	.2	3.2	2.9	1.9	.3						8.5	8.7
VARIABLE												
CALM	////////////////////										56.1	////
TOTALS	3.6	19.2	11.9	7.8	1.4						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0600-0630

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	5.8	3.8	2.1	.1						12.3	7.6
NNE	.8	2.5	1.4	1.9	.7	.1					7.3	9.3
NE	.1	.4	.2	.4	.2						1.4	10.5
ENE	.1	.7	.3	.1	.1		.1				1.4	9.2
E	.1	.3	.1	.1							.7	6.5
ESE	.1	.3									.4	4.5
SE		.2	.2								.4	8.0
SSE	.1	1.9	1.1	.1							3.2	6.3
S	.3	.5	1.2	.1							2.2	7.1
SSW	.1	.7	.3								1.1	6.0
SW		.3	.1	.1							.5	6.8
WSW		.1									.1	4.0
W	.2	.7	.1								1.0	5.0
WNW	.3	.7	.4		.1						1.5	6.1
NW	.4	2.8	1.9	.5	.1						5.8	7.1
NNW	.1	4.4	4.0	2.1	.1	.2					10.9	8.6
VARIABLE												
CALM	////////////////////										49.7	////
TOTALS	3.4	22.3	15.3	7.5	1.4	.3	.1				100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 7R-87
MONTH: MAY HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.7	2.1	2.2	.2						5.2	10.8
NNE	.1	.3	1.2	4.5	1.2	.1					7.4	13.6
NE		.3	1.0	1.2	.3						2.8	11.8
ENE		.2	.5	.9	.1	.1					1.8	12.3
E			.7	.3							1.0	10.7
ESE			.1	.1							.2	11.5
SE		.3	.1	.2		.1					.8	11.1
SSE		.2	.5	.1							.9	8.0
S		1.2	1.0	1.0	.1						3.3	9.3
SSW	.4	1.6	1.4	.7							4.1	7.2
SW		3.8	1.4	.1							5.3	6.0
WSW	.9	8.3	1.2	.2							10.5	5.2
W	.7	12.4	3.0	.2							16.3	5.7
WNW	.4	6.1	3.5	.2							10.2	6.3
NW	.5	3.8	3.8	2.1	.7	.1					11.0	9.0
NNW	.3	1.6	1.7	2.0	.3						6.0	9.4
VARIABLE												
CALM	////////////////////										13.2	////
TOTALS	3.5	40.8	23.2	15.9	2.9	.4					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 000-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.1	.8	1.6	.4						3.0	12.8
NNE		.1	1.2	4.1	1.4	.2					7.0	14.4
NE		.1	.5	1.9	.2						2.7	13.7
ENE		.2	.2	1.4	.2						2.1	12.6
E		.4	1.0	.4	.2						2.1	10.4
ESE		.1	.4	.2	.1						.9	11.1
SE		.1	.3	.2							.7	9.3
SSE		.5	.5	.8	.1						2.0	10.1
S	.1	.9	1.5	1.9	.2						4.6	10.7
SSW	.2	4.2	5.7	3.5	.3						14.0	9.2
SW	.2	5.5	7.5	1.4	.1						14.7	7.8
WSW	.7	9.6	4.2	.2							14.6	6.1
W	.4	7.8	7.3	.4							15.9	6.9
WNW	.1	2.6	3.0	.3	.1						6.2	7.4
NW		.5	1.3	1.6	.4	.1					4.1	12.1
NNW		.4	.9	.4	.5						2.3	11.4
VARIABLE												
CALM	////////////////////										3.2	////
TOTALS	1.8	33.3	36.4	20.5	4.5	.3					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		.3	1.3	.6	.6							2.8	11.3
NNE	.1	.4	1.6	3.4	.8	.2						6.5	13.2
NE		.1	.8	1.8	.2							2.9	12.8
ENE		.1	1.3	1.8								3.2	11.2
E		.4	2.2	2.9	.8							6.3	12.0
ESE		.1	.8	.4								1.3	10.6
SE													
SSE		.7	.4	.9	.1							2.1	10.4
S	.1	1.0	6.5	5.4	.6							13.6	10.7
SSW	.1	4.3	14.4	7.8	.2	.1						26.9	9.7
SW	.1	3.5	8.1	1.6								13.3	8.4
WSW	.7	3.9	1.3	.2								6.1	5.9
W	.2	2.9	1.4	.6	.1							5.2	6.7
WNW		.7	.8	.2								1.7	8.1
NW		.3	.7	.7	.2							1.9	10.9
NNW	.2	.3	.7	1.6	.4							3.2	11.7
VARIABLE													
CALM	////////////////////											2.9	////
TOTALS	1.6	19.2	42.4	29.7	4.0	.3						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1800-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.4	1.6	.5							3.9	7.7
NNE		.7	2.2	3.2	.4						6.4	11.5
NE		1.1	1.3	1.6	.1						4.1	10.2
ENE		.9	2.7	1.9	.3						5.8	10.4
E		.5	2.4	3.7	.4						7.1	11.6
ESE	.1	.1									.2	3.5
SE	.2	.5	.3	.1							1.2	6.4
SSE	.3	4.1	2.7	1.1							8.3	7.0
S	.8	10.0	6.8	2.5	.1						20.2	7.4
SSW	.7	5.7	6.2	1.0	.2						13.4	7.4
SW	.1	2.4	1.4	.4							4.4	6.8
WSW	.3	1.0	.4								1.7	5.6
W	.3	.9	.4	.2							1.9	6.6
WNW	.2	.8	.4	.2							1.6	6.5
NW	.1	.5	.8	.8	.2						2.4	10.1
NNW		1.1	1.2	2.4	1.0						5.7	12.1
VARIABLE												
CALM	////////////////////										11.6	////
TOTALS	3.2	31.8	31.0	19.7	2.8						107.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	4.0	3.4	1.1		.1					9.1	7.5
NNE	.3	2.4	1.5	1.1	.2	.1					5.7	8.3
NE	.1	1.3	2.0	.6							4.0	8.1
ENE	.1	2.0	.8	1.1	.1						4.1	8.4
E	.3	.2	1.0	.6	.1						2.4	9.5
ESE	.1	.4									.6	4.2
SE		1.0	.3	.1							1.4	5.8
SSE	1.0	2.4	1.5	.7							5.6	6.4
S	.6	4.3	2.3	.7							7.8	6.6
SSW		.4	.4	.2							1.1	7.4
SW		.2	.1								.3	6.7
WSW	.1	.2									.3	4.3
W		.3									.3	4.3
WNW		.4	.1	.4							1.0	9.6
NW	.1	1.1	1.2	1.3	.2						4.0	9.6
NNW	.4	2.0	1.7	3.6	.9	.1					8.7	11.0
VARIABLE												
CALM	////////////////////////////////////										43.5	////
TOTALS	3.7	22.8	16.4	11.7	1.5	.3					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: MELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	3.1	2.6	1.6	.2	.0					7.9	8.1
NNE	.2	1.3	1.4	2.6	.6	.1					6.3	11.2
NE	.1	.7	.8	1.0	.1						2.7	10.2
ENE	.1	.6	.8	1.0	.1	.0	.0				2.7	10.1
E	.1	.4	1.0	1.1	.2						2.7	10.8
ESE	.1	.2	.2	.1	.0						.5	7.8
SE	.1	.4	.2	.1		.0					.8	7.0
SSE	.3	1.6	1.2	.5	.0						3.6	7.2
S	.2	2.6	2.5	1.5	.1						7.0	8.4
SSW	.2	2.1	3.6	1.7	.1	.0					7.6	8.8
SW	.1	2.0	2.4	.5	.0						4.9	7.6
WSW	.3	2.9	.9	.1							4.2	5.7
W	.2	3.2	1.5	.2	.0						5.2	6.3
WNW	.2	1.5	1.1	.2	.0						3.0	6.9
NW	.2	1.3	1.4	1.1	.3	.0					4.3	9.5
NNW	.2	2.0	2.0	2.2	.5	.0					7.0	10.0
VARIABLE												
CALM	////////////////////////////////////										29.5	////
TOTALS	2.9	26.0	23.5	15.4	2.4	.2	.0				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 7297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	7.3	4.4	1.5	.2						13.7	6.9
NNE	.3	2.6	2.1	1.1	.5						6.6	8.6
NE		.6	.3	.1	.1						1.1	8.4
ENE		.5	.2		.1						.8	7.4
E	.1	.6		.3	.1						1.1	9.1
ESE		.2									.2	5.0
SE	.2	.3	.1								.7	4.7
SSE	.1	1.7	.1								1.3	4.9
S		.8	.3								1.1	5.2
SSW		.3									.3	4.7
SW			.1								.1	8.0
WSW		.1									.1	4.0
W		.1									.1	5.0
WNW		.6	.3	.5							1.4	9.3
NW	.1	1.3	.7	1.3	.5						3.8	10.0
NNW	.7	4.8	3.4	4.0	.3						13.3	8.8
VARIABLE												
CALM	////////////////////										54.1	////
TOTALS	2.1	20.8	12.1	8.8	1.8						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 873

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	10.3	4.7	1.3								17.2	6.6
NNE	.3	3.5	1.6	2.0	.6							7.9	8.7
NE	.3	.7	.2	.6		.1						2.0	8.5
ENE	.1	.3	.1	.2								.8	7.0
E		.7	.1									.8	5.3
ESE		.3										.3	4.0
SE		.6	.2									.8	5.3
SSE		.5										.5	5.5
S		.5										.5	4.5
SSW		.1	.1									.2	7.0
SW	.1		.1	.1								.3	8.3
WSW													
W		.2										.2	4.0
WNW		.1	.3	.3								.8	10.6
NW	.1	.7	1.2	.7	.2	.2						3.1	10.9
NNW	.9	3.1	3.0	2.1	.2	.1						9.4	8.3
VARIABLE													
CALM	////////////////////											55.1	////
TOTALS	2.9	21.5	11.8	7.3	1.0	.5						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 968

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	6.4	5.0	1.9	.1							14.4	7.1
NNE	.3	1.7	2.7	3.1	.3		.1					8.4	10.2
NE		.6	.6	.6	.2							1.9	10.6
ENE		.3	.1	.1								.6	8.0
E		.1	.1									.2	8.0
ESE	.2	.1										.3	3.0
SE	.1	.1	.1									.3	5.3
SSE	.1	.1	.3									.6	6.6
S	.1	.8	.3									1.3	5.9
SSW	.2	.3	.1	.1								.8	5.6
SW		.2										.2	5.0
WSW		.1										.1	6.0
W		.9	.1	.1								1.1	5.8
WNW	.2	1.9	.6	.2								3.0	6.0
NW	.1	3.5	2.2	1.3								7.1	7.7
NNW	.2	5.6	4.9	2.1	.2							13.0	8.0
VARIABLE													
CALM	////////////////////											46.6	////
TOTALS	2.6	23.0	17.3	9.5	.9		.1					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 874

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0900-1430

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	1.7	1.8	2.3	.6	.1					6.2	11.2
NNE		.6	2.4	5.6	2.1	.3					11.0	14.1
NE			.9	2.8	.9	.2					4.9	14.6
NNE			.1	.7	.1						.9	13.1
E		.1		.1							.2	9.0
ESE												
SE												
SSE				.6							.6	13.0
S	.1	.2	.3								.7	7.3
SSW	.1	1.7	.7		.2						2.8	7.1
SW	.6	3.2	.7								4.7	5.0
WSW	.6	7.6	.7								8.8	4.8
W	1.7	12.6	4.5	.2							18.6	5.9
WNW	.7	7.3	3.0	.9							11.9	6.5
NW	.7	3.8	4.7	2.1	.1						11.0	8.3
NNW		1.5	2.1	1.9	.6						6.1	10.4
VARIABLE												
CALM	////////////////////////////////////										11.7	////
TOTALS	4.0	39.9	21.9	17.2	4.6	.7					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 972

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 76-87
MONTH: JUN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.3	.7	1.5	.5						3.0	12.5
NNE		.1	2.1	5.0	2.2	.2					9.6	14.1
NE		.3	1.5	2.2	.5	.2					4.7	12.8
ENE		.1	.3	1.3	.7	.1					2.5	14.2
E		.1	.5	.3							.9	10.5
ESE		.2	.2	.1							.6	8.4
SE												
SSE		.1	.1	.3	.2						.8	12.9
S		.7	1.1	.8	.3						3.0	10.6
SSW	.1	3.4	8.1	2.6							14.3	8.8
SW	.2	7.8	7.1	1.1							16.3	7.2
WSW	.8	8.9	3.7	.1							13.4	5.9
W	.6	7.6	7.0	.8							15.9	7.0
WNW		2.5	1.8	1.6	.2						6.2	8.7
NW		.9	.6	1.5	.2						3.2	10.1
NNW		.6	.7	.8	.6						2.6	11.8
VARIABLE												
CALM	////////////////////										2.9	////
TOTALS	1.7	33.7	35.6	20.2	5.4	.5					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 872

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LOCAL): 1500-1730

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		.2	.7	.6								1.5	10.5
NNE			1.5	5.3	1.4	.2						8.4	14.2
NE			1.3	2.5	.5	.4						4.6	13.8
ENE		.1	1.5	1.6	.4	.1						3.7	12.7
E	.1	.1	1.3	3.0	.7							5.3	13.2
ESE			.8	.2								1.1	9.6
SE		.1	.1	.2								.5	9.8
SSE		.5	.7	.8	.2							2.2	10.9
S		1.8	6.4	3.3	.4							11.8	9.9
SSW		3.9	16.1	8.5	.1							28.6	9.7
SW	.1	2.9	8.6	3.6								15.3	9.0
WSW	.6	2.8	1.4	.1								4.9	6.1
W		2.2	2.3	.5								5.0	7.4
WNW	.1	.6	.8	.5	.4							2.3	9.8
NW		.2	.2	.8	.6							1.9	13.1
NNW		.1	.4	.6	.5							1.5	13.6
VARIABLE		.2	.1									.4	6.0
CALM	////////////////////											1.1	////
TOTALS	.9	15.8	44.4	32.1	5.7	.7						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS: 856

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1800-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N			.6	.5	.2							1.3	12.0
NNE		.3	2.5	3.9	.7							7.5	12.4
NE		.9	1.7	2.9	.5							6.0	11.7
ENE		.8	2.7	2.7	.1							6.2	10.5
E		.8	2.4	3.9	.3	.1						7.6	11.8
ESE		.2	.1									.3	6.3
SE		.9	.3	.1								1.4	6.7
SSE			2.5	2.9	.6							6.0	7.5
S	.3	9.4	12.4	2.3								24.4	7.7
SSW	.1	5.2	8.7	2.4								16.4	8.2
SW	.1	2.2	1.7	.2								4.3	6.6
WSW	.1	1.0	.7									1.8	5.9
W	.5	.7	.9									2.1	6.2
WNW	.1	.3	.2	.5	.3							1.5	11.8
NW		.5	.5	.7	.2							1.8	11.1
NNW	.1	.3	.2	1.6	.5	.1						2.9	13.3
VARIABLE		.1										.1	6.0
CALM	////////////////////											8.2	////
TOTALS	1.4	26.4	38.6	22.3	2.9	.2						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 865

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 7A-87
MONTH: JUN HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							GE 56	TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33			
N	.1	4.2	3.0	1.4					8.7	7.5
NNE	.3	2.7	3.9	1.5	.2	.1			8.8	8.6
NE		1.2	1.5	.2	.1	.1			3.1	8.9
ENE	.2	1.7	2.3	.5	.1				4.4	8.3
E		.7	.8	.6					2.1	8.9
ESE	.1	.5							.6	3.8
SE	.1	1.5							1.6	4.6
SSE	.9	2.9	.8						4.6	4.8
S	.6	6.6	2.2	.2					9.6	5.4
SSW		1.6	.1	.1					1.9	5.4
SW		.7	.1						.8	5.0
WSW	.2	.5	.1						.8	4.7
W	.1	.6	.3						1.0	5.9
WNW	.1	.9	.1	.2	.2				1.5	8.2
NW	.3	.7	.3	1.6					3.0	10.0
NNW	.3	1.2	1.6	2.8	.8				6.7	11.2
VARIABLE										
CALM	////////////////////////////////////								43.9	////
TOTALS	3.6	27.4	17.7	9.1	1.5	.2			100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 966

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16716C STATION NAME: MELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	3.7	2.6	1.4	.2	.7						8.3	7.8
NNE	.2	1.4	2.4	3.4	1.0	.1	.7					8.5	11.6
NE	.7	.5	1.0	1.5	.3	.1						3.5	12.0
ENE	.7	.4	.9	.9	.2	.0						2.5	10.7
E	.0	.4	.6	1.0	.1	.0						2.3	11.3
ESE	.7	.2	.1	.0								.4	6.6
SE	.1	.4	.1	.0								.7	5.8
SSE	.1	1.0	.6	.3	.1							2.1	7.4
S	.1	2.6	2.9	.8	.1							6.5	7.8
SSW	.1	2.1	4.2	1.7	.0							8.1	8.8
SW	.2	2.1	2.3	.6								5.2	7.5
WSW	.3	2.6	.8	.0								3.8	5.6
W	.3	3.1	1.9	.2								5.5	6.4
WNW	.2	1.8	.9	.6	.1							3.6	7.8
NW	.1	1.5	1.3	1.2	.2	.0						4.4	9.3
NNW	.3	2.2	2.0	2.0	.5	.7						7.0	9.5
VARIABLE		.7	.0									.1	6.0
CALM	////////////////////											27.6	////
TOTALS	2.4	26.1	24.8	15.8	2.9	.4	.7					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 6946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON AFB/ATHENS GR

PERIOD OF RECORD: 7A-87
MONTH: JUL HOURS(1ST): 0000-0400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	11.5	5.4	1.5	.2							19.3	6.9
NNE	.3	4.5	3.9	2.4	.3	.1						11.6	8.7
NE		1.1	1.3	1.1		.1						3.6	9.8
ENE	.2	.6	.6	.8	.1							2.2	9.1
E		.2	.2	.7	.1							1.2	11.2
ESE	.1	.2										.3	4.0
SE	.1											.1	3.0
SSE	.2	.4										.7	4.0
S		.7										.2	5.0
SSW		.1	.1									.2	7.5
SW		.1										.1	5.0
WSW		.1										.1	5.0
W	.1	.2										.3	4.0
WNW	.2	.6		.1								.9	5.4
NW	.1	1.7	.4	.7								2.9	7.2
NNW	.1	2.8	1.9	1.5	.1							6.8	7.8
VARIABLE													
CALM	////////////////////											49.3	////
TOTALS	2.6	24.3	13.8	8.8	.9	.2						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 206

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIXON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.2	11.8	8.4	1.3								22.8	6.7
NNE	.3	3.3	3.6	3.2	.6	.2						11.3	9.7
NE		1.7	1.5	.6	.1							3.9	7.9
ENE	.2	.8	.7	.3								2.0	7.5
E	.1	.9	.6	.2								1.8	7.0
ESE													
SE													
SSE		.2										.2	4.0
S													
SSW	.1											.1	3.0
SW		.1	.1									.2	5.5
WSW													
W		.2										.2	5.0
WNW		.2		.1								.3	8.0
NW	.4	1.0	.7	.3								2.4	6.9
NNW	.2	2.9	2.4	.7								6.2	7.1
VARIABLE													
CALM	////////////////////											48.6	////
TOTALS	2.7	23.1	18.0	6.7	.7	.2						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 905

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	9.6	8.0	3.3	.2						21.6	7.8
NNE	.3	2.9	4.5	6.2	1.5	.2					15.7	11.1
NE	.2	.4	2.1	1.1	.1						4.0	9.5
ENE	.1	.7	.4	.3							1.5	7.2
E		.4	.4								.9	7.0
ESE			.1								.1	10.0
SE	.1										.1	3.0
SSE	.1	.2									.3	3.7
S	.1										.1	3.0
SSW	.1	.3		.1							.6	6.0
SW		.1									.1	6.0
WSW	.1										.1	3.0
W	.1	.7	.1								.9	4.4
WNW	.4	.8	.6	.2							2.0	5.9
NW	.7	2.8	1.1	.2							4.4	6.0
NNW	.6	3.6	2.6	.7	.1						7.6	7.0
VARIABLE												
CALM	////////////////////										47.0	////
TOTALS	7.1	22.5	20.1	12.1	2.0	.2					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 79-87
MONTH: JUL HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	1.0	2.7	4.7	.8						9.2	11.7
NNE		.6	4.7	11.3	3.3	.4	.2				20.5	13.8
NE		.1	2.3	5.1	1.0	.2					8.7	13.7
ENE		.4	.3	.9							1.7	10.3
E		.2	.4	.4							1.1	10.9
ESE		.1									.1	4.0
SE			.1								.1	10.0
SSE												
S		.2									.2	4.0
SSW	.1	.8	.1								1.0	4.7
SW		1.9	.8								2.7	5.6
WSW	.9	5.9	1.2								8.0	5.2
W	.6	11.1	3.0	.3							15.0	5.7
WNW	.1	6.2	4.3	.2							10.9	6.6
NW	.1	4.7	4.3	.9	.2						9.5	7.9
NNW	.2	.9	1.6	.9	.3						3.9	9.4
VARIABLE		.2									.2	5.5
CALM	////////////////////////////////////										7.3	////
TOTALS	2.1	33.6	25.8	24.7	5.6	.7	.2				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 903

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.1	1.5	2.0	.4						4.1	12.3
NNE		.2	3.4	9.3	2.1	.2					15.2	13.7
NE			2.5	6.3	1.9	.4	.1				11.3	14.3
ENE			1.3	3.0	.3						4.6	13.1
E		.1	.9	.6	.6						2.1	13.3
ESE				.3	.2						.6	16.6
SE		.1	.1	.1							.3	9.3
SSE		.1	.4								.6	7.2
S		.4	.3	.3							1.1	8.4
SSW	.1	1.4	3.0	1.2							5.7	8.6
SW	.1	4.6	4.5	.3							9.6	7.1
WSW	.4	8.8	6.9	.2							16.4	6.5
W	.3	8.2	6.5	1.1	.1						16.2	7.2
WNW	.2	3.2	3.0	.3							6.7	7.1
NW		.1	1.3	1.1							2.5	10.7
NNW	.1	.1	.3	.4							1.0	9.9
VARIABLE												
CALM	////////////////////////////////////										1.9	////
TOTALS	1.3	27.6	36.1	26.6	5.6	.7	.1				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 905

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: MELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.1	1.3	2.0	.2						3.6	12.0
NNE			1.3	5.6	1.8	.2					8.9	14.8
NE		.2	2.6	5.0	2.2	.2					10.2	13.6
ENE			.3	2.6	5.9	1.7					10.6	13.1
E	.1	.4	2.5	4.6	1.9	.4					10.0	13.6
ESE		.1	.7	1.3	.4						2.5	13.2
SE			.2								.2	9.0
SSE		.2	.6								.8	7.7
S		1.4	3.1	1.5	.1						6.2	9.2
SSW	.1	2.4	9.8	8.5							20.8	10.3
SW		2.4	6.9	2.5							11.9	8.8
WSW	.2	3.2	2.2	.3							5.9	6.7
W		2.1	1.9	.1							4.1	6.8
WNW		1.0	.4	.3							1.8	7.4
NW				.2	.2						.4	15.5
NNW		.2	.2	.3	.1						.9	10.9
VARIABLE												
CALM	////////////////////////////////////											1.2
TOTALS	.4	14.2	36.4	38.3	8.6	.9					100.0	11.0

TOTAL NUMBER OF OBSERVATIONS: 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.1	1.2	.8	.3						2.5	11.0
NNE		.4	2.7	5.8	1.4						10.4	12.8
NE	.1	.4	2.1	5.6	.7	.1					9.0	12.9
ENE		1.2	4.4	7.2	1.2	.1					14.1	12.2
E		1.1	4.5	7.9	2.3	.2					16.0	12.8
ESE		.7	.5	.3							1.5	8.5
SE		.3		.2							.5	8.8
SSE		1.4	1.1								2.5	6.3
S	.3	5.7	7.8	.5	.1						14.5	7.5
SSW	.2	2.8	6.6	3.4							13.0	9.2
SW		1.5	1.9	.5	.1						4.1	8.4
WSW	.3	1.1	.5								2.0	5.5
W		.4	.2								.7	5.8
WNW		.3	.1	.1							.5	7.2
NW		.2	.3		.2						.8	11.1
NNW	.1	1.0	.3		.1						1.5	6.6
VARIABLE												
CALP	////////////////////										6.4	////
TOTALS	1.2	18.8	34.3	32.4	6.5	.4					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 79-87
MONTH: JUL HOURS (LST): 2100-2330

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	5.6	5.3	1.5	.1							12.7	7.5
NNE		2.8	6.7	2.4	.4	.2						12.6	9.7
NE	.2	1.8	2.1	1.1	.1							5.3	8.5
ENE	.2	2.3	2.7	1.9	.2							7.3	9.1
E	.1	2.3	2.2	1.3	.5							6.5	9.5
ESE	.1	.1										.2	3.5
SE		.4										.4	4.5
SSE	.2	3.0	.7									3.8	5.2
S	.5	3.4	1.2									5.1	5.6
SSW	.1	1.5	.4	.1								2.2	6.0
SW		.5										.5	4.8
WSW		.2	.1									.3	5.3
W	.1	.4										.5	3.8
WNW	.1	.2	.1	.1								.5	6.6
NW	.3	.7	.5	.4	.1							2.1	8.2
NNW		1.9	1.4	1.0	.2	.1						4.6	9.0
VARIABLE													
CALM	////////////////////											35.2	////
TOTALS	2.1	27.1	23.4	9.8	1.8	.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 7P-87
MONTH: JUL HOURS/DST: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	5.0	4.2	2.1	.3						12.0	8.1
NNE	.1	1.8	3.9	5.8	1.4	.2	.0				13.3	11.9
NE	.1	.7	2.1	3.2	.8	.1	.0				7.0	12.2
ENE	.1	.9	1.6	2.5	.4	.2					5.5	11.4
E	.7	.7	1.5	2.0	.7	.1					5.0	12.0
ESE	.0	.2	.2	.2	.1						.7	11.0
SE	.0	.1	.1	.0							.2	7.3
SSE	.1	.7	.3								1.1	5.7
S	.1	1.4	1.6	.3	.0						3.4	7.5
SSW	.1	1.2	2.5	1.7							5.5	9.3
SW	.0	1.4	1.8	.4	.0						3.6	7.8
WSW	.2	2.4	1.4	.1							4.1	6.1
W	.2	2.9	1.5	.2	.0						4.7	6.4
WNW	.1	1.6	1.1	.2							2.9	6.7
NW	.2	1.3	1.1	.5	.1						3.1	7.9
NNW	.0	1.7	1.3	.7	.1	.0					4.1	7.9
VARIABLE		.0									.0	5.5
CALM	////////////////////										23.7	////
TOTALS	2.7	22.9	26.0	20.0	4.0	.5	.0				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 7262

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 7A-67
MONTH: AUG HOURS/LSST: 0000-0100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	.5	11.6	7.0	3.3	.6				23.1	7.5
NNE	.1	4.1	2.8	3.7	.9	.1			11.6	9.8
NE		.9	.8	.4	.3	.1			2.5	10.3
ENE	.4	1.2	1.4	.8	.1	.1	.1		4.3	9.0
E	.2	.6	.1						.9	4.8
ESE		.2							.2	5.7
SE		.1							.1	5.0
SSE	.1	.3							.4	4.3
S	.1	.4							.6	4.2
SSW	.2								.2	3.0
SW	.1								.1	3.0
WSW										
W										
WNW		.2	.1						.3	6.3
NW	.1	.6	.4	.7					1.8	9.5
NNW	.7	2.7	2.1	1.6	.1				7.2	8.1
VARIABLE										
CALM	////////////////////////////////////								46.8	////
TOTALS	2.7	23.1	14.6	10.4	2.0	.3	.1		100.0	4

TOTAL NUMBER OF OBSERVATIONS: 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	11.1	8.7	3.6	.3						24.2	7.6
NNE	.6	4.0	5.7	4.1	.8						15.2	9.7
NE	.3	1.5	1.1	.8	.3						4.0	8.8
ENE	.8	.4	.6	.7							2.5	7.5
E	.4	.8	.1								1.3	4.5
ESE		.1									.1	4.0
SE												
SSE		.1									.1	5.0
S												
SSW		.1									.1	5.0
SW												
WSW		.1									.1	5.0
W		.1									.1	4.0
WNW												
NW		.6		.1							.7	6.8
NNW	.7	2.1	2.7	1.1							6.1	8.0
VARIABLE												
CALM	////////////////////										45.4	////
TOTALS	2.9	21.0	18.9	10.4	1.5						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 895

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS (LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	8.1	9.7	3.5	.1						22.1	8.1
NNE	.3	4.1	5.5	6.9	1.2	.3					18.3	10.7
NE	.2	1.2	1.1	1.4	.2						4.2	9.7
ENE	.2	.7	.9	.1	.2						2.1	8.1
E	.2	.9	.2	.6							1.9	7.5
ESE		.3									.3	4.7
SE		.2	.1								.3	6.7
SSE		.1									.1	6.0
S		.1	.1								.2	6.0
SSW		.2			.1						.3	8.7
SW												
WSW		.1									.1	6.0
W	.1	.1									.2	4.0
WNW	.1	.6									.7	4.5
NW	.1	1.2	1.0	.1							2.4	6.9
NNW	.1	3.4	2.3	.4	.2						6.5	7.2
VARIABLE												
CALM	////////////////////										42.1	////
TOTALS	2.1	21.3	21.0	13.0	2.1	.3					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 905

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		1.4	5.2	3.5	.6	.1						10.9	10.7
NNE		1.1	5.6	11.5	5.0	.6						23.8	13.7
NE		.6	1.3	5.1	1.6	.1						8.6	13.8
ENE		.3	1.0	.9	.1							2.3	10.4
E		.2	.7	.9								1.8	11.6
ESE		.1										.1	4.0
SE		.1										.1	6.0
SSE		.1	.1									.2	7.0
S	.1	.1	.1	.3								.7	10.0
SSW	.1	.2	.2									.6	5.6
SW	.1	1.8	.4	.1								2.4	5.7
WSW	.4	3.1	.4									4.0	5.0
W	.4	7.1	3.1									10.6	6.0
WNW	.4	7.3	3.4	.3								11.5	6.2
NW	.2	4.1	4.0	1.4								9.7	7.8
NNW		2.2	1.4	1.2								4.9	8.2
VARIABLE													
CALM	////////////////////////////////////											7.8	////
TOTALS	1.9	29.9	27.1	25.4	7.2	.8						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 903

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.4	1.3	1.9	.3						4.0	11.7
NNE		.2	4.0	10.1	3.8	.5					18.7	14.1
NE		.3	2.2	5.9	2.0	.1					10.5	14.0
ENE			.9	2.0	.3						3.2	12.8
E		.1	1.3	1.4	.5						3.4	12.5
ESE			.5								.5	9.2
SE												
SSE			.1		.1						.2	12.5
S		.3	.4	.1	.1						1.0	8.7
SSW	.3	1.1	3.5	1.0							5.9	8.9
SW		2.7	5.9	.9							9.6	8.0
WSW		7.0	6.3	.2							13.5	7.1
W		6.2	10.2	.8							17.1	7.7
WNW	.3	1.9	4.0	.9							7.0	8.1
NW		.8	1.4	.9							3.1	9.2
NNW		.2	.4	.5							1.2	10.2
VARIABLE												
CALM	////////////////////										1.0	////
TOTALS	.7	21.3	42.5	26.6	7.3	.7					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167163 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.1	.7	1.4	.2						2.4	12.6
NNE		.1	2.7	6.0	3.0	.2					12.0	14.2
NE		.1	2.0	7.3	3.2	.1					12.7	14.5
ENE	.1	.8	2.0	3.7	.9						7.4	12.3
E		.1	3.2	7.2	1.8	.2					12.5	13.4
ESE		.1	1.0	1.0	.1						2.2	11.3
SE		.3	.1	.1							.5	7.0
SSE		.1	.4	.2							.8	9.0
S		.7	2.2	1.5	.1						4.5	10.0
SSW	.1	1.3	11.7	5.5	.1						18.7	10.1
SW		2.0	5.0	3.1	.1						10.2	9.6
WSW	.1	3.8	2.5	.1							6.6	6.7
W		2.1	1.4	.1							3.6	6.9
WNW		.7	.8	.2							1.6	7.9
NW		.2	.5	.3	.1						1.2	10.3
NNW		.2	.1	.2							.5	10.2
VARIABLE		.1	.1								.2	7.0
CALM	////////////////////										2.2	////
TOTALS	.2	12.4	36.5	38.1	9.5	.5					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS: 913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 1800-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 56	TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			
N		.3	.8	1.0	.1							2.2	10.9
NNE	.1	.2	2.3	9.2	1.2	.1						13.2	13.2
NE		.8	2.4	7.5	.6	.2						11.4	12.5
ENE	.1	1.9	5.4	6.0	.8							14.1	11.0
E	.1	.7	5.8	10.5	1.6	.1						18.7	12.4
ESE		.7	1.0	.2								1.9	8.0
SE		.1	.3									.4	7.0
SSE		1.6	.3	.1								2.0	5.6
S	.4	5.8	7.0	1.0	.1							14.3	7.6
SSW	.1	2.5	5.9	1.2								9.7	8.4
SW		.9	1.7	.3								2.9	8.4
WSW		.9	.4									1.3	6.7
W	.1	.3										.4	3.8
WNW	.1	.2	.1									.4	5.3
NW		.2		.2								.4	8.5
NNW		.3	.7	.7		.1						1.8	11.1
VARIABLE													
CALM	////////////////////											4.8	////
TOTALS	1.1	17.3	34.1	38.0	4.3	.4						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 943

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	6.8	5.3	2.2	.3						14.9	7.8
NNE	.2	3.4	5.4	5.4	.8						15.1	10.0
NE	.2	2.1	1.5	1.6	.1						5.6	8.9
ENE	.2	2.5	2.5	2.1	.1						7.5	8.6
E	.3	1.5	2.3	2.1	.1	.1					6.5	9.5
ESE		.2	.3								.5	7.0
SE	.2	.1	.1								.4	4.3
SSE	.7	1.9									2.5	3.9
S	.8	4.6	1.1	.1							6.6	5.5
SSW	.1	1.5	.1	.1							1.9	5.5
SW		.7									.7	4.8
WSW		.2	.2								.4	7.0
W		.1	.1	.1							.3	9.3
WNW		.1	.1								.2	7.0
NW		.7	.5	.3							1.5	8.1
NNW	.2	1.5	1.0	1.8	.4	.1					5.0	10.3
VARIABLE												
CALM	////////////////////											30.3
TOTALS	3.3	28.0	20.6	15.8	1.9	.2					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167167 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: AUG HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	.3	5.0	4.8	2.6	.3	.0		12.9	8.4
NNE	.2	2.2	4.3	7.1	2.1	.2		16.0	12.0
NE	.1	.9	1.6	3.8	1.0	.1		7.5	12.5
ENE	.2	1.0	1.8	2.0	.3	.0	.0	5.4	10.3
E	.2	.6	1.7	2.8	.5	.1		5.9	11.7
ESE		.2	.4	.2	.0			.7	8.8
SE	.0	.1	.1	.0				.2	6.2
SSE	.1	.5	.1	.0	.0			.8	5.5
S	.2	1.5	1.4	.4	.0			3.5	7.5
SSW	.1	.9	2.7	1.0	.0			4.7	9.1
SW	.0	1.0	1.6	.6	.0			3.2	8.3
WSW	.1	1.9	1.2	.0				3.3	6.6
W	.1	2.0	1.9	.1				4.1	7.0
WNW	.1	1.4	1.1	.2				2.7	6.9
NW	.1	1.0	1.0	.5	.0			2.6	8.2
NNW	.2	1.6	1.3	.9	.1	.0		4.1	8.5
VARIABLE		.0	.0					.0	7.0
CALM	////////////////////							22.2	////
TOTALS	1.9	21.8	27.0	22.2	4.5	.4	.0	100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 7243

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	6.5	5.3	2.2	.3						14.9	7.8
NNE	.2	3.4	5.4	5.4	.8						15.1	10.0
NE	.2	2.1	1.5	1.6	.1						5.6	8.9
ENE	.2	2.5	2.5	2.1	.1						7.5	8.6
E	.3	1.5	2.3	2.1	.1	.1					6.5	9.5
ESE		.2	.3								.5	7.0
SE	.2	.1	.1								.4	4.3
SSE	.7	1.9									2.5	3.9
S	.8	4.6	1.1	.1							6.6	5.5
SSW	.1	1.5	.1	.1							1.9	5.5
SW		.7									.7	4.8
WSW		.2	.2								.4	7.0
W		.1	.1	.1							.3	9.3
WNW		.1	.1								.2	7.0
NW		.7	.5	.3							1.5	8.1
NNW	.2	1.5	1.0	1.8	.4	.1					5.0	10.3
VARIABLE												
CALM	////////////////////										30.3	////
TOTALS	3.3	28.0	20.6	15.8	1.9	.2					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON AFS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS (LST): 0000-0100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	12.9	7.0	2.4	.1						22.7	7.1
NNE	.2	4.7	3.3	3.3	.6						12.2	5.3
NE		1.4	.2	.8	.1						2.5	8.7
ENE	.1	.8	.7	.5		.1					2.2	8.7
E	.5	1.2	.3	.3	.1						2.4	6.5
ESE		.1									.1	4.0
SE	.2	.3									.6	3.6
SSE		.2									.2	4.5
S		.2	.3	.1							.7	8.3
SSW		.2									.2	5.0
SW			.3								.3	8.7
WSW				.1							.1	12.0
W				.1							.1	12.0
WNW		.2									.2	4.0
NW		.6	.2	.3							1.2	8.2
NNW	.1	2.9	1.5	1.2	.1						5.8	8.0
VARIABLE												
CALM	////////////////////											42.4
TOTALS	1.4	25.8	14.1	9.2	1.0	.1					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 868

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(EST): 0300-0500

TOTAL NUMBER OF OBSERVATIONS: 868

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(IST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	12.0	8.7	2.8	.2							24.3	7.4
NNE	.1	4.6	4.3	3.8	.7							13.5	9.4
NE	.6	1.4	.8	1.0	.3							4.2	8.6
ENE	.2	.8	1.0	.3								2.4	7.2
E	.3	.3	.3	.1								1.2	6.3
ESE	.1		.2									.3	7.7
SE		.5	.1									.6	5.4
SSE		.2	.1									.3	5.7
S		.2	.1	.1								.5	8.3
SSW		.2										.2	4.0
SW													
WSW		.1	.1									.2	7.0
W		.1	.2									.3	7.3
WNW		.1	.1									.2	6.0
NW		.7	.2	.1								1.0	6.6
NNW	.2	2.7	1.2	1.0	.1	.3						5.6	8.6
VARIABLE													
CALM	////////////////////											45.0	////
TOTALS	2.2	24.1	17.6	9.4	1.4	.3						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 964

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(1ST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	2.4	6.1	4.7	1.5						14.8	10.7
NNE		2.5	5.2	10.0	2.6	.1					20.4	12.4
NE	.1	.7	1.2	4.4	.5						6.9	12.2
ENE		.3	.6	.7							1.6	10.6
E		.3	.3	.3							1.0	9.9
ESE		.1	.1								.2	6.0
SE		.1									.1	5.0
SSE		.2	.1								.3	6.7
S			.5	.5							.9	11.4
SSW	.2	.3	.5	.1	.1	.1					1.4	8.9
SW		1.4	.3								1.7	5.6
WSW	.5	3.7	.5								4.7	5.1
W	.6	7.8	.6								9.0	5.0
WNW	.7	4.5	2.0								7.3	5.6
NW	.6	4.5	2.6	.3	.1	.1					8.3	6.9
NNW	.1	3.0	3.5	.7	.2	.1					7.6	8.5
VARIABLE												
CALM	////////////////////											17.5
TOTALS	2.8	22.0	24.2	21.7	5.0	.5					100.0	

TOTAL NUMBER OF OBSERVATIONS: 981

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HELLENIKON ABS ATHENS GREECE LIMITED SURFACE

2/3

OBSERVATIONS CLIMATIC SURFACE (U) AIR FORCE

ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

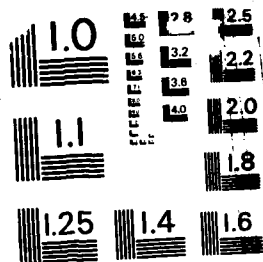
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.8	1.6	2.8	.8						6.0	11.6
NNE	.1	.1	3.7	10.3	2.5	.2					16.9	13.7
NE		.1	1.9	5.9	1.7	.1					9.7	13.5
ENE			.9	1.4	.2						2.5	12.8
E		.5	.6	1.1	.3						2.5	11.7
ESE			.1	.5							.6	13.2
SE			.1								.1	10.0
SSE		.1	.2								.3	6.7
S		.2	.5	.5							1.1	9.9
SSW		1.5	2.5	.6	.2						4.7	8.6
SW		3.4	4.1	.3							7.8	7.6
WSW	.2	9.8	6.1	.1							16.2	6.5
W	.3	8.7	6.2	.2							15.4	6.5
WNW	.1	2.7	3.9	.6							7.3	7.7
NW		.6	1.8	1.5							3.8	10.2
NNW		.6	1.0	.9	.3	.1	.1				3.0	12.3
VARIABLE												
CALM	////////////////////										1.9	////
TOTALS	.8	29.0	35.2	26.5	6.1	.5	.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 887

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.2	1.1	1.2	.1						2.7	11.5
NNE		.2	2.4	10.0	1.2	.3					14.2	13.5
NE		.2	1.8	5.2	.8						8.0	13.3
ENE		.2	2.3	4.1	.3						6.9	12.3
E		.5	3.5	7.1	1.0						12.1	12.6
ESE		.6	1.5	.3							2.4	8.4
SE			.6								.6	8.6
SSE		.2	.6								.8	8.4
S		.6	2.3	1.6	.2						4.6	10.6
SSW	.1	3.5	11.6	3.1	.1						18.4	9.2
SW	.1	3.1	7.0	.9							11.1	8.2
WSW	.2	3.6	1.9	.1							5.9	6.0
W		3.3	1.5	.1							4.9	6.3
WNW		1.1		.1	.2						1.5	7.7
NW		.1	.3	.5							.9	11.5
NNW		.5	.2	.3	.7	.2	.1				2.0	14.4
VARIABLE		.3									.3	5.0
CALM	////////////////////////////////////										2.6	////
TOTALS	.5	18.3	38.5	34.7	4.8	.6	.1				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 862

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.7	1.7	2.1	.1						4.6	10.5
NNE		1.5	4.1	5.7	.7						12.0	11.4
NE	.1	1.7	3.0	4.2	.1						9.1	10.4
ENE	.2	3.0	6.6	5.6	.5						15.9	9.9
E		1.4	7.1	7.7	1.0						17.1	11.2
ESE	.1	.5	.5								1.0	6.1
SE		.5	.2	.1							.8	7.6
SSE		3.1	.6	.1							3.8	5.7
S	.5	6.9	4.5	.3							12.1	6.5
SSW	.1	2.2	4.6	.1							7.0	7.5
SW		1.6	.3								1.9	5.7
WSW	.1	.2									.3	3.7
W	.1	.7									.8	4.1
WNW		.2		.1							.3	8.0
NW		.7	.1		.2						1.0	8.0
NNW	.2	.6	.2	.6	.5						2.1	10.7
VARIABLE		.1									.1	4.0
CALM	////////////////////////////////////										9.9	////
TOTALS	1.5	25.4	33.5	26.6	3.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 875

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	9.3	6.5	2.1	.2	.1						18.5	7.5
NNE	.1	3.7	5.1	2.6	.2	.1						11.9	9.1
NE	.2	1.5	1.7	.8								4.2	8.3
ENE	.6	2.5	2.5	1.1	.1							6.9	8.0
E	.1	2.2	1.9	1.1	.3							5.7	8.6
ESE	.2	.1										.3	3.3
SE	.2	.3										.6	3.6
SSE	.1	1.5	.2									1.8	4.6
S	.2	2.2	.9	.2								3.5	6.0
SSW	.2	.3	.2	.2								1.0	7.1
SW		.1	.1									.2	6.0
WSW		.3	.1									.5	5.5
W	.1	.1			.1							.3	9.0
WNW		.1										.1	4.0
NW	.1	.2	.2			.1						.7	8.7
NNW	.1	1.5	1.1	1.3	.3							4.3	9.5
VARIABLE													
CALM	////////////////////											39.2	////
TOTALS	2.7	26.0	20.8	9.5	1.4	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 874

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	6.5	5.1	2.5	.4	.0					14.7	8.1
NNE	.1	2.7	3.9	6.1	1.2	.1					14.2	11.2
NE	.2	1.2	1.5	2.9	.4	.0					6.2	11.0
ENE	.2	1.1	1.9	1.8	.2	.0					5.1	9.8
E	.2	.9	1.9	2.3	.4						5.5	10.7
ESE	.1	.2	.3	.1							.7	7.9
SE	.1	.2	.1	.0							.4	6.0
SSE	.0	.7	.2	.0							1.0	5.7
S	.1	1.3	1.1	.4	.0						3.0	7.7
SSW	.1	1.1	2.4	.5	.1	.0					4.2	8.6
SW	.0	1.2	1.5	.2							2.9	7.6
WSW	.1	2.3	1.1	.0							3.6	6.2
W	.1	2.7	1.1	.1	.0						4.0	6.1
WNW	.1	1.2	.8	.1	.0						2.2	6.7
NW	.1	1.0	.7	.4	.0	.0					2.2	8.2
NNW	.1	1.7	1.2	.8	.3	.1	.0				4.3	9.2
VARIABLE	.1										.1	4.8
CALM	////////////////////										25.8	////
TOTALS	1.8	25.8	25.0	18.2	3.0	.3	.0				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 6999

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	7.0	6.4	1.9	.1						16.1	7.7
NNE	.4	4.1	4.8	4.4	.8	.1					14.6	9.7
NE	.4	2.3	.9	1.7	.4	.1					5.8	9.5
ENE	.3	3.4	2.1	1.3	.8	.2					8.1	8.7
E	1.0	2.2	.9	.7	.2						5.0	6.8
ESE	.1	.2	.2								.6	5.6
SE	.3	1.1	.3	.2	.1						2.1	6.6
SSE	.2	.8	.1	.4							1.5	7.6
S	.2	.2	.4	.2							1.1	7.9
SSW		.1	.1	.1							.3	9.3
SW		.1	.1								.2	7.0
WSW												
W		.1									.1	6.0
WNW												
NW		.2									.2	4.0
NNW	.1	1.2	1.2	.3	.7						3.5	9.8
VARIABLE												
CALM	////////////////////										40.7	////
TOTALS	3.9	23.1	17.6	11.2	3.1	.4					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	7.3	6.6	3.1	.2	.1					18.0	7.9
NNE	.5	5.3	2.9	5.5	1.0	.3					15.5	10.0
NE	.3	1.9	1.4	1.5	1.2						6.4	10.5
ENE	.7	2.6	1.8	1.2	.4		.1				6.8	8.4
E	.8	1.9	.9	.2		.2					3.9	6.8
ESE	.1	.1		.2	.2						.7	12.5
SE	.3	.8	.1		.1						1.3	5.7
SSE	.2	.8	.4	.1	.1						1.6	7.0
S		.4	.5	.2							1.2	8.2
SSW		.1	.1								.2	8.0
SW			.1								.1	10.0
WSW												
W		.1									.1	5.0
WNW												
NW		.2	.4								.7	7.8
NNW		.4	.9	.3	.5						2.2	10.9
VARIABLE												
CALM	////////////////////										41.3	////
TOTALS	3.6	21.9	16.1	12.4	3.8	.7	.1				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLINIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	7.4	6.2	4.0	.2	.2					18.6	8.3
NNE	.7	4.5	3.8	4.6	.9	.1					14.6	9.7
NE	.2	2.0	2.8	2.2	1.0	.1					8.3	10.4
ENE	.4	1.8	1.6	2.0	.3	.1					6.2	9.6
E	.3	1.0	.7	.3		.1					2.4	8.1
ESE	.1	.3	.1								.5	4.8
SE	.2	.4	.2	.1							1.0	6.6
SSE	.2		.4								.7	6.2
S	.1	.4	.1	.3							1.0	8.2
SSW		.2									.2	5.0
SW												
WSW												
W			.1	.1							.2	10.0
WNW												
NW			.4		.1						.5	10.4
NNW	.1	.5	.8	1.0	.1						2.5	10.0
VARIABLE												
CALM	////////////////////										43.2	////
TOTALS	2.8	18.6	17.4	14.7	2.6	.7					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N		3.1	5.3	3.6	.8				12.7	9.7
NNE	.1	1.7	5.0	10.2	2.9	.3	.1		20.5	12.9
NE	.1	.8	2.3	3.1	.7	.2	.1		7.2	12.4
ENE	.1	.8	1.5	1.6	.2				4.2	10.6
E		.2	1.0	.8	.3	.2			2.5	12.5
ESE		.1		.1					.2	9.0
SE		.2	.2						.4	6.3
SSE		.5	.7	.5					1.7	9.5
S		1.2	.4	.2	.1				2.0	7.6
SSW	.2	.9	.3	.2					1.6	6.7
SW		.9	.1						1.0	5.1
WSW	.2	3.3	.2						3.7	4.9
W	.1	3.1	.2						3.4	5.0
WNW	.1	2.3	.1						2.5	5.0
NW	.1	3.1	.5	.4	.1				4.2	6.5
NNW	.3	3.6	1.0	1.9	.3				7.1	8.1
VARIABLE										
CALM	////////////////////								24.9	////
TOTALS	1.4	25.6	19.0	22.7	5.4	.8	.2		100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 75-87
MONTH: OCT HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.8	3.1	2.3	.4	.1					7.7	10.4
NNE	.1	.7	4.2	9.4	3.9	.2					18.4	13.6
NE	.1	.6	2.5	3.5	1.1	.3	.1				8.3	13.2
ENE		.4	1.5	1.8	.3	.1					4.2	11.6
E		.3	1.4	1.4	.1	.1	.1				3.5	11.9
ESE			.1	.1							.2	13.0
SE		.1	.2								.3	7.0
SSE			.3	.2	.2						.8	13.7
S		1.0	1.2	1.3	.1						3.6	9.9
SSW		3.1	2.3	.7							6.1	7.6
SW	.1	3.7	3.0								6.8	6.4
WSW		6.0	1.9	.1							7.9	6.0
W	.2	8.2	2.6								11.0	5.9
WNW	.4	3.9	1.9	.4							6.6	6.4
NW		1.0	1.5	1.2							3.7	9.1
NNW	.1	.8	1.2	2.3	.4						4.9	11.4
VARIABLE												
CALM	////////////////////										5.8	////
TOTALS	1.1	31.4	29.1	24.8	6.6	.9	.2				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 74-87
MONTH: OCT HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 56	TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			
N	.1	1.1	1.9	2.7	.7							6.4	11.2
NNE		.2	3.5	8.5	2.4	.3						15.1	13.7
NE	.1	.6	2.4	4.3	1.8							9.2	12.9
ENE	.1	1.0	3.0	3.0	.8	.1						8.0	11.1
E		.8	4.0	4.2	.3							9.3	11.2
ESE		.6	.6	.3	.1							1.6	10.0
SE	.2	.1	.6	.1								1.0	7.8
SSE	.1	.4	.8	.4								1.8	9.2
S	.2	2.1	4.4	2.9	.1							9.7	9.3
SSW		5.4	6.9	1.3	.1							13.7	8.1
SW	.1	2.5	2.7									5.3	6.7
WSW	.1	2.9	.4	.2								3.7	5.6
W	.1	2.3	1.1									3.5	6.1
WNW	.2	1.0	.1									1.3	4.9
NW	.1	.6	.9	.3								1.9	8.4
NNW		.6	.4	1.6	.2							2.8	11.8
VARIABLE													
CALM	////////////////////////////////////											5.8	////
TOTALS	1.6	22.1	33.7	29.9	6.5	.4						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 903

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS: 1500-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	2.2	4.7	2.0	.3						9.6	9.2
NNE		1.6	3.0	7.6	1.4	.2					13.8	12.2
NE	.2	1.9	3.5	2.7	.5						8.9	10.2
ENE	.1	3.3	6.0	6.2	.1						15.7	10.1
E	.1	1.8	4.9	3.8	.7						11.3	10.5
ESE	.2	.2	.4	.2	.1						1.2	8.5
SE	.1	1.8	.3	.3							2.5	6.2
SSE	.9	3.1	1.4	.2							5.6	5.8
S	.5	5.2	3.5	.4							9.7	6.4
SSW	.2	2.0	.4	.5							3.2	6.8
SW	.1	.3		.1							.5	6.6
WSW		.2									.2	5.0
W												
WNW		.1		.1							.2	9.0
NW		.1	.1	.2							.4	9.8
NNW		.2	1.2	.8							2.2	10.6
VARIABLE												
CALM	////////////////////										14.8	////
TOTALS	2.9	24.0	29.7	25.3	3.2	.2					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	.2	5.9	5.2	2.3	.1				13.7	7.9
NNE	.7	3.5	4.7	4.3	1.1	.2			14.4	10.1
NE	.1	2.7	1.7	2.3	.4				7.3	9.6
ENE	.1	2.8	3.4	2.6	.5	.1	.1		9.7	9.9
E	.5	3.1	2.1	1.6	.3				7.7	8.1
ESE	.2	.8	.1						1.1	4.4
SE	.4	1.7	.2						2.4	4.7
SSE	.5	2.2	.7	.5	.1				4.0	6.6
S	.2	.7	.5	.2					1.6	7.0
SSW		.3	.2						.5	6.6
SW		.2	.1						.3	6.7
WSW		.1							.1	4.0
W		.2							.2	4.0
WNW			.1						.1	8.0
NW		.2	.2		.1				.5	8.6
NNW		.5	1.1	1.7					3.4	10.4
VARIABLE										
CALM	////////////////////								32.9	////
TOTALS	3.0	25.0	20.3	15.6	2.7	.3	.1		100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	4.5	4.9	2.7	.4	.1						12.9	8.7
NNE	.3	2.7	4.0	6.8	1.8	.2	.0					15.9	11.6
NE	.2	1.6	2.2	2.7	.9	.1	.7					7.7	11.2
ENE	.2	2.0	2.6	2.5	.4	.1	.0					7.9	9.9
E	.3	1.4	2.0	1.6	.2	.1	.0					5.7	9.6
ESE	.1	.3	.2	.1	.1							.8	8.2
SE	.2	.8	.3	.1	.0							1.4	6.1
SSE	.3	1.0	.6	.3	.1							2.2	7.3
S	.2	1.4	1.4	.7	.0							3.7	8.1
SSW	.1	1.5	1.3	.4	.0							3.2	7.7
SW	.0	1.0	.8	.0								1.8	6.4
WSW	.0	1.5	.3	.0								1.9	5.6
W	.1	1.7	.5	.0								2.3	5.8
WNW	.1	.9	.3	.1								1.3	5.9
NW	.0	.7	.5	.3	.0							1.5	8.0
NNW	.1	1.0	1.0	1.2	.3							3.6	10.1
VARIABLE													
CALM	////////////////////////////////////											26.2	////
TOTALS	2.5	24.0	22.8	19.6	4.3	.5	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 7294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIXON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	.5	9.8	4.8	2.3	.2			17.5	7.2
NNE	.5	3.3	3.0	5.0	1.5	.2		13.4	10.8
NE	.1	1.7	1.7	.9	.1			4.6	8.3
ENE	.6	3.0	1.5	1.5		.1		6.6	7.9
E	.5	1.9	1.0	.3				3.8	6.1
ESE		.8	.1					.9	4.9
SE	.1	1.6	1.3	.3				3.3	6.9
SSE	.1	1.3	1.3	.5	.1			3.2	7.6
S		.1	.8	1.0	.1	.1		2.2	12.7
SSW			.6	1.3	1.1	.1		3.1	15.3
SW			.1	1.1	.3			1.6	15.1
WSW			.5	.3				.8	10.3
W		.5	.1	.3				.9	8.8
WNW		.1	.2					.3	6.7
NW		.5	.3					.8	6.6
NNW	.1	.8	.7	1.4				3.0	10.0
VARIABLE									
CALM	////////////////////							34.1	////
TOTALS	2.4	25.3	17.9	16.3	3.5	.6		100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	8.3	5.2	2.4								16.3	7.4
NNE	.7	5.6	3.1	3.2	1.5	.1						14.2	9.1
NE	.2	2.6	.8	.9	.6							5.2	8.7
ENE	.6	3.8	1.7	1.3	.1							7.5	7.1
E	.2	2.3	.6	.2	.1							3.4	6.2
ESE	.1	.9	.2									1.3	5.5
SE	.1	1.6	.9	.2	.1							3.0	7.1
SSE		1.5	.5	1.0								3.0	6.4
S		.5	.8	1.4	.1	.1						2.9	11.5
SSW		.2	.5	1.5	.2	.3						2.8	13.8
SW			.2	.7	.2	.1						1.3	14.6
WSW		.2	.3	.3								.9	9.1
W			.2	.3								.6	13.6
WNW			.1	.2	.1	.1						.6	15.8
NW		.2	.1	.2								.6	8.6
NNW		.5	.5	.6								1.5	9.6
VARIABLE													
CALM	////////////////////											35.1	////
TOTALS	2.4	28.2	15.7	14.6	3.1	.8						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 871

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	7.3	4.8	1.6							14.3	7.1
NNE	.5	4.7	3.9	3.6	1.8	.2					14.7	10.1
NE	.5	3.6	1.8	.8	.2						6.9	7.3
ENE	.6	2.6	.9	1.5	.3						6.0	8.2
E	.5	2.8	1.9	.7	.2						6.1	7.4
ESE	.1	1.5		.2							1.8	5.6
SE		.9	.3	.3	.1						1.7	9.1
SSE		1.3	.7	.2	.1						2.3	8.1
S		.7	.6	1.5	.6						3.3	12.0
SSW		.1	.9	.7	.9	.3					3.0	15.2
SW			.1	.6	.5	.2					1.4	16.7
WSW			.2								.2	8.0
W			.2	.2	.1						.6	13.6
WNW			.1	.1	.3						.6	15.4
NW		.1		.2		.1					.5	13.8
NNW		.8	.6	.8	.3						2.5	9.9
VARIABLE												
CALM	////////////////////////////////////										34.2	////
TOTALS	2.6	26.4	17.2	13.1	5.6	.9					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 872

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: MELLENIXON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		5.7	6.8	3.6	.2						16.3	8.8
NNE	.1	3.6	4.3	6.6	1.9	.3	.1				17.0	11.6
NE	.1	.6	1.0	1.9	.7	.1					4.4	12.2
ENE		.6	2.2	.8	.6						4.1	10.6
E	.3	.9	.8	.8							2.8	8.4
ESE	.3	.2	.1	.2	.1						1.0	8.0
SE		.6	.5	.2							1.2	8.2
SSE		1.4	.7	1.1	.1						3.3	9.4
S		1.5	1.0	2.0	.2	.2					5.0	10.7
SSW		1.1	.2	2.2	.5	.5	.1				4.5	12.9
SW		.2	.1	1.1		.2					1.7	14.3
WSW		.2		.1							.3	6.7
W		.3	.2	.2	.1						.9	8.9
WNW	.2	1.4	.2	.2	.2						2.3	7.4
NW	.1	.8	.2	.2	.1						1.5	7.6
NNW	.2	2.2	1.6	1.2	.2						5.4	8.5
VARIABLE												
CALM	////////////////////										28.1	////
TOTALS	1.5	21.2	20.0	22.7	5.0	1.4	.2				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 882

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 7A-87
MONTH: NOV HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	2.1	5.6	2.4	.8						11.3	9.8
NNE		.8	4.8	7.3	2.9	.6					16.4	13.2
NE		.5	.7	3.7	1.5	.1					6.4	13.9
ENE		.6	1.5	.8	.5						3.3	11.5
E		.6	.9	1.0	.1						2.6	10.5
ESE		.3	.3								.7	6.5
SE		.1		.1							.2	9.0
SSE		.2	.8	1.8		.1					3.0	12.5
S	.1	.7	1.6	3.2	.2	.1					6.0	11.7
SSW	.2	3.7	2.0	2.2	.7	.2		.1			8.4	10.3
SW	.2	2.1	.9	.3		.1					3.7	7.2
WSW	.1	2.8	.3	.1							3.3	5.2
W	.2	4.8	.3			.1					5.5	5.4
WNW	.2	3.9	.5	.1							4.7	5.5
NW		1.7	1.7	.9	.2						4.6	8.6
NNW		1.4	1.4	1.8	.5	.1					5.2	11.0
VARIABLE		.1									.1	5.0
CALM	////////////////////////////////////										14.6	////
TOTALS	1.5	25.6	23.4	25.9	7.3	1.5		.1			100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 871

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.1	1.1	4.9	3.7	.9							10.7	10.9
NNE		1.1	4.2	7.8	1.8	.1						15.1	12.6
NE		.6	3.1	2.7	.5	.1						7.0	11.5
ENE		1.6	2.4	1.8	.3	.1						6.3	10.3
E	.1	1.3	2.3	1.9	.2							5.8	9.8
ESE		.5	.6	.2								1.3	9.1
SE		.2		.1	.1	.1						.6	13.0
SSE		.7	1.1	1.6	.2	.1						3.8	11.3
S	.3	3.7	3.1	3.4	.2	.1						10.9	9.2
SSW		4.3	3.0	1.9	.5							9.7	8.7
SW	.1	2.6	.3	.3	.6	.1						4.1	8.4
WSW	.1	1.4										1.5	4.4
W	.2	1.5	.2	.2	.3							2.5	7.9
WNW		.3		.1	.1							.6	9.6
NW	.1	.3	.9	.8	.1							2.3	10.1
NNW		.5	1.6	1.8	.5	.1						4.5	11.6
VARIABLE													
CALM	////////////////////											13.5	////
TOTALS	1.1	21.7	27.8	28.6	6.4	.9						103.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 875

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 74-87
MONTH: NOV HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	2.8	5.5	3.3	.4		.1				12.2	9.5
NNE	.4	2.5	4.8	5.5	2.0	.1					15.4	11.4
NE	.2	1.9	1.9	2.1	.1	.1					6.4	9.5
ENE	.6	3.9	3.3	2.9	.3	.1					11.1	8.8
E		2.1	3.5	1.5	.4	.1					7.6	9.5
ESE	.3	.9	.3								1.6	4.9
SE	.4	1.8	.6	.3							3.1	6.4
SSE	.4	3.5	.7	.6	.3	.1					5.6	7.4
S	.2	2.2	.9	1.6	.1						5.1	8.5
SSW		.4	1.5	1.9	.6		.1				4.5	12.8
SW		.1	.4	.9	.3						1.8	12.9
WSW		.1	.1	.9							1.1	12.0
W		.2	.1		.1						.4	9.0
WNW			.1								.1	8.0
NW		.1	.1	.1	.3						.7	13.5
NNW		.1	.4	1.6	.4	.1					2.7	13.7
VARIABLE												
CALM	////////////////////										23.4	////
TOTALS	2.9	22.8	24.3	23.1	5.6	.7	.2				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 890

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	5.6	4.7	2.6	.2						13.3	8.1
NNE	.2	2.9	5.7	5.2	1.5	.3					15.9	11.0
NE	.1	1.3	1.3	1.1	.6						4.5	9.8
ENE	.3	3.0	1.7	2.6	.1						7.8	8.7
E	.1	2.7	1.6	.2	.2						4.8	7.1
ESE	.1	.7	.2								1.0	4.9
SE	.2	2.5	1.0	.3	.1						4.2	6.8
SSE	.3	1.6	1.2	.7	.4						4.3	8.9
S	.1	.7	.7	.7	.2	.1					2.5	10.6
SSW	.1	.1	.7	1.1	1.2	.1					3.4	14.6
SW		.3	.6	.3	.3						1.6	11.5
WSW	.2	.2	.1	.6							1.1	8.9
W		.1	.4	.2							.8	9.4
WNW		.1	.2		.1						.4	9.8
NW	.1	.1	.2	.6							1.0	9.6
NNW	.1	.7	.3	.9	.3						2.4	11.3
VARIABLE												
CALM	////////////////////										31.2	////
TOTALS	2.2	22.7	20.8	17.1	5.4	.6					100.3	6.5

TOTAL NUMBER OF OBSERVATIONS: 989

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	5.1	5.3	2.7	.4		.0				14.0	8.4
NNE	.3	3.1	4.2	5.5	1.9	.3	.0				15.3	11.3
NE	.2	1.6	1.6	1.8	.5	.1					5.7	10.2
ENE	.3	2.4	1.9	1.7	.3	.0					6.6	8.8
E	.2	1.8	1.6	.8	.2	.0					4.6	8.2
ESE	.1	.7	.2	.1	.0						1.2	6.0
SE	.1	1.2	.6	.3	.1	.3					2.2	7.3
SSE	.1	1.4	.9	.9	.2	.3					3.6	9.1
S	.1	1.3	1.2	1.8	.2	.1					4.7	10.4
SSW	.0	1.2	1.2	1.6	.7	.2	.0	.0			4.9	11.9
SW	.0	.7	.4	.7	.3	.1					2.1	11.3
WSW	.1	.6	.2	.3							1.2	7.3
W	.1	.9	.2	.2	.1	.3					1.5	7.6
WNW	.1	.7	.2	.1	.1	.3					1.2	7.7
NW	.0	.5	.5	.4	.1	.7					1.5	9.2
NNW	.1	.9	.9	1.3	.3	.0					3.4	10.6
VARIABLE											.0	5.0
CALM	////////////////////										26.4	////
TOTALS	2.1	24.2	20.9	20.2	5.3	.9	.1	.0			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 7028

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIXON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: DEC HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	.2	5.5	4.2	4.3	1.0	.2		15.4	9.4
NNE	.2	4.1	3.6	2.3	.4			10.6	8.7
NE	.2	2.5	1.1	1.1	.2	.1		5.3	8.2
ENE	.4	3.7	.7	.4	.4	.1		5.9	7.2
E		1.8	.7	.5	.1			3.1	7.8
ESE	.1	.5	.5	.8	.1			2.1	9.4
SE		1.0	.4	.3				1.8	7.4
SSE	.2	1.3	1.2	.5	.4			3.7	9.2
S		.7	1.6	1.3	.2			3.8	10.6
SSW		.4	.8	1.4	.3			3.0	12.0
SW		.2	.9	1.0	.5			2.6	12.7
WSW		.4	.5	.3	.1			1.4	9.6
W		.5	.2	1.1				1.9	11.2
WNW		.2	.1	.1				.4	7.5
NW		.7	.2	.2	.1	.2		1.1	12.7
NNW		.7	1.1	1.5	.2	.1		3.6	11.4
VARIABLE									
CALM	////////////////////////////////////							34.4	////
TOTALS	1.4	23.9	17.9	17.3	4.3	.8		100.7	6.2

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167163 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: DEC HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	6.0	6.0	3.9	.2	.1					16.7	8.5
NNE	.1	3.6	3.9	3.4	.2	.1					11.4	9.3
NE	.3	2.5	.6	1.2	.6						5.2	8.3
ENE	1.2	3.0	.6	2.0	.1		.1				7.0	7.9
E	.1	2.1	.7	.2							3.1	5.8
ESE	.2	.7	.2	.4	.1						1.7	7.7
SE	.2	1.4	.3	.2	.1						2.3	7.1
SSE	.2	1.3	.7	.9	.2	.1					3.4	9.2
S	.1	1.1	1.0	.8	.4						3.4	10.1
SSW		.1	.2	1.1	.6	.1					2.1	15.3
SW		1.0	.2	.8	.2						2.2	10.6
WSW		.2	1.2	.4	.1						2.0	9.8
W	.1	.2	.3	.8	.1						1.5	11.5
WNW		.4									.4	4.5
NW		.4	.6	.3	.1						1.4	9.6
NNW		.3	.7	1.4	.2	.2					2.9	13.3
VARIABLE												
CALM	////////////////////////////////////										33.3	////
TOTALS	3.2	24.5	17.0	17.9	3.3	.7	.1				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 905

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: DEC HOURS(LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		5.9	6.0	4.8	.7	.1					17.4	9.5
NNE		4.5	3.7	3.3	.7		.2	.1			12.5	9.9
NE	.1	2.1	1.4	1.7	.2						5.5	9.1
ENE	.2	3.0	2.2	1.0	.1						6.5	7.6
E	.2	3.1	.3	.3	.3	.1					4.4	6.8
ESE	.1	.7	.1		.1						1.0	6.6
SE	.1	2.0	.1	.2	.1						2.5	6.3
SSE		1.2	.6	.3	.1		.1				2.3	8.7
S		.3	1.3	1.3	.3						3.3	11.8
SSW		.8	.6	1.2	.6	.2					3.3	12.4
SW		.2	.6	1.0							1.8	11.0
WSW		.3	.6	.1							1.0	8.2
W		.1	.2	.7							1.0	11.2
WNW		.4	.2	.1							.8	7.3
NW				.3	.1	.1	.1				.7	17.7
NNW	.1	.4	.8	1.9	1.1	.2					4.5	13.8
VARIABLE												
CALM	////////////////////										31.3	////
TOTALS	.9	25.2	18.6	18.3	4.4	.8	.4	.1			100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 902

GLOHAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	6.6	6.3	4.4	1.1	.1					18.6	9.4
NNE		2.5	2.6	5.0	1.2	.3	.1				11.9	12.0
NE	.1	1.1	.8	1.1	.4						3.5	10.3
ENE		1.4	1.2	1.4	.3	.1					4.5	10.1
E	.2	.9	.9	.7	.3						3.0	9.4
ESE		.2	.2	.1	.1						.7	9.5
SE	.1	.8	.3	.2	.1						1.5	8.4
SSE		.9	1.2	.8	.2						3.1	9.9
S	.1	1.0	1.3	1.2	.8	.1					4.5	11.2
SSW		.7	1.3	2.1	.5	.1					4.7	12.2
SW		.3	.4	1.4	.3						2.5	12.6
WSW		.3	.2	.4							1.0	10.2
W		.3	.3	.2	.2	.1					1.2	11.6
WNW		.5	.2	.1	.1						1.0	8.8
NW		.1	.5	1.2	.1						2.0	12.9
NNW		.9	1.5	1.8	.4	.2	.1				4.9	11.6
VARIABLE												
CALM	////////////////////										31.5	////
TOTALS	.7	18.6	19.4	22.2	6.4	1.1	.2				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		2.0	3.3	5.2	1.7	.2						12.4	12.0
NNE		.8	3.5	7.4	1.4	.3	.1					13.6	13.3
NE		.4	1.4	1.8	.7	.2						4.5	12.3
ENE		1.0	1.2	1.4	.1	.1						3.9	10.5
E	.1	.4	.7	.3	.1							1.7	8.8
ESE			.4	.4	.1							1.0	11.6
SE		.4	.3	.1	.1							1.0	8.7
SSE		.8	.8	.9	.1	.2						2.8	10.7
S	.1	1.5	2.4	1.7	.8	.2						6.7	10.9
SSW	.1	1.3	2.0	2.4	.6							6.4	10.8
SW	.1	1.8	.8	1.7	.6							4.9	10.2
WSW		1.9	.1	.2	.2							2.4	7.2
W	.3	2.2	.7	.9	.3	.1						4.5	8.0
WNW	.1	2.9	1.0	.4	.1							4.5	6.6
NW	.1	2.4	1.2	1.2	.3							5.3	8.5
NNW		1.3	2.4	2.1	.9	.2						7.0	11.6
VARIABLE													
CALM	////////////////////////////////////											17.5	////
TOTALS	1.0	21.2	22.3	28.2	8.1	1.7	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 905

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: DEC HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		2.3	2.7	4.2	2.0						11.2	11.8
NNE		.9	4.0	5.9	.9	.4					12.1	12.4
NE		1.2	2.2	2.0	.6	.1	.1				6.2	11.3
ENE		1.3	1.5	.9	.1						3.9	9.1
E		2.0	1.8	.9	.2						4.9	9.2
ESE		.7	.1	.4	.1						1.3	9.5
SE	.1	.7	.4		.2						1.4	8.3
SSE		1.7	1.5	.9	.6						4.6	9.4
S	.4	2.4	3.1	2.1	.6	.1					8.7	9.6
SSW	.1	3.0	1.4	1.9	1.0						7.4	9.8
SW	.3	1.5	.6	1.2	.4						4.1	9.4
WSW		.7	.4	.4	.2						1.8	9.3
W	.2	1.8	.7	.9	.2						3.8	8.2
WNW	.1	.8	.3	.2							1.4	6.5
NW		1.0	.8	1.3	.3						3.4	10.8
NNW	.1	1.7	2.1	2.7	1.1	.2					7.9	11.5
VARIABLE												
CALM	////////////////////										15.9	////
TOTALS	1.4	23.6	23.7	25.9	8.5	.9	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 904

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLINIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: DEC HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	3.7	4.4	3.3	.9						12.4	9.7
NNE	.2	3.1	3.6	2.9	.7	.5					11.0	10.2
NE	.2	2.0	2.0	1.5	.5	.2					6.5	9.9
ENE	.2	1.9	4.1	1.6	.4	.1					8.3	9.3
E	.2	2.6	2.0	1.3							6.1	7.8
ESE	.2	1.2	.1	.4	.2						2.2	7.8
SE	.3	1.8	.4	.1							2.6	6.0
SSE	.4	2.2	1.1	1.1	.4						5.3	8.6
S	.1	1.8	1.5	1.3	.2	.1	.1				5.2	9.7
SSW		.2	.8	2.1	.4	.1	.1				3.7	13.9
SW		.3	.8	.9	.7						2.6	12.3
WSW	.1	.4	.8	.4	.1						1.9	9.3
W		.1	.4	.4	.1						1.1	11.5
WNW		.2	.4	.1	.1						.9	9.3
NW		.2	.3	.3	.2	.1					1.2	12.2
NNW		.3	1.4	3.4	.7	.2		.1			6.1	13.4
VARIABLE												
CALM	////////////////////											22.9
TOTALS	2.2	22.0	24.1	21.3	5.7	1.4	.2	.1			100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: DEC HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	5.9	5.9	3.7	.8	.1	.1					16.8	9.3
NNE	.1	2.6	3.1	2.5	.5	.1						9.3	9.8
NE	.1	2.9	1.4	1.5	.1							6.1	8.3
ENE	.3	3.1	2.0	1.0	.2							6.6	7.6
E	.4	1.7	1.6	.4	.3							4.6	7.6
ESE		.2	.2	.2								.7	9.5
SE	.1	1.6	.8	.2	.1							2.8	7.3
SSE	.1	2.4	.8	.9	.3							4.4	8.2
S		1.2	1.7	1.4	.3							4.7	10.4
SSW		.4	.9	1.8	.4	.2		.1				3.9	13.4
SW		.3	.3	1.1	.1							1.8	11.5
WSW	.1	.5	.3	.5	.1							1.6	9.8
W		.2	.5	.2	.3							1.3	11.4
WNW		.1	.2	.4								.8	11.1
NW		.2	.5	.2	.3	.3						1.6	14.3
NNW	.1	1.2	1.4	1.3	.2	.2						4.4	10.4
VARIABLE													
CALM	////////////////////											28.9	////
TOTALS	1.8	24.7	21.7	17.5	4.2	1.0	.1	.1				100.3	6.7

TOTAL NUMBER OF OBSERVATIONS: 922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 75-87
MONTH: DEC HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	4.7	4.8	4.2	1.0	.1	.0				15.1	9.8
NNE	.1	2.4	3.5	4.1	.8	.2	.1	.0			11.5	10.8
NE	.1	1.9	1.4	1.5	.4	.1	.0				5.3	9.7
ENE	.3	2.2	1.7	1.2	.2	.1	.0				5.4	8.5
E	.2	1.8	1.1	.6	.2	.3					3.8	7.9
ESE	.1	.5	.2	.4	.1						1.3	8.7
SE	.1	1.2	.4	.2	.1						2.0	7.2
SSE	.1	1.5	1.0	.8	.3	.0	.0				3.7	9.2
S	.1	1.3	1.8	1.4	.5	.1	.0				5.0	10.4
SSW	.0	.9	1.0	1.8	.5	.1	.0	.0			4.3	11.9
SW	.1	.7	.6	1.1	.4						2.8	11.1
WSW	.0	.6	.5	.4	.1						1.6	9.1
W	.1	.7	.4	.6	.2	.0					2.0	9.7
WNW	.0	.7	.3	.2	.0						1.3	7.4
NW	.0	.6	.5	.6	.2	.1	.0				2.1	11.1
NNW	.0	.9	1.4	2.0	.6	.2	.0	.0			5.2	12.1
VARIABLE												
CALM	////////////////////										27.0	////
TOTALS	1.6	23.0	20.6	21.1	5.6	1.3	.2	.0			100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 7273

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16716C STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: ALL HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	4.4	4.2	2.7	.5	.1	.0	.0			12.1	8.9
NNE	.2	2.2	3.2	4.8	1.3	.2	.0	.0			11.9	11.5
NE	.1	1.2	1.4	2.1	.5	.1	.0				5.5	11.0
ENE	.2	1.4	1.7	1.7	.3	.1	.0	.0			5.4	9.8
E	.2	1.1	1.4	1.5	.3	.0	.0	.0			4.5	10.2
ESE	.1	.4	.3	.2	.0	.0					1.0	8.0
SE	.1	.7	.3	.2	.0	.0					1.4	7.6
SSE	.1	1.2	.8	.6	.1	.0	.0				2.9	8.4
S	.1	1.6	1.9	1.2	.2	.0	.0				5.1	9.1
SSW	.1	1.3	2.2	1.3	.2	.1	.0	.0			5.2	9.6
SW	.1	1.2	1.2	.5	.1	.0					3.0	8.3
WSW	.1	1.7	.7	.1	.0						2.7	6.4
W	.1	2.0	1.0	.3	.0	.0	.0				3.5	6.9
WNW	.1	1.2	.7	.2	.1	.0					2.3	7.3
NW	.1	.9	.8	.7	.2	.0	.0				2.7	9.4
NNW	.1	1.4	1.4	1.5	.4	.1	.0	.0			5.0	10.2
VARIABLE											.0	5.4
CALM	////////////////////////////////////										25.9	////
TOTALS	2.2	23.9	23.3	19.8	4.3	.7	.1	.0			100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 85473

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 79-87

MONTH: ALL HOURS(DST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE

AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	2.9	3.6	5.2	2.1	1.1					15.3	12.1
NNE		2.1	3.1	3.3	1.5	1.9	.5	.8			13.2	15.5
NE	.1	1.6	.7	2.0	.7	.4	.3				5.7	12.9
ENE		.9	2.3	1.6	.5	.7	.3	.1			6.4	13.2
E		.7	.7	2.0	1.3	.3	.1	.1			5.2	14.7
ESE		.8	.4	.8	.3	.1					2.4	11.1
SE	.1	.3	1.5	.8	.3						2.9	10.5
SSE	.5	1.5	1.5	2.0	.7	.3					6.4	10.7
S	.1	.5	2.4	3.5	1.5	.8					8.8	13.7
SSW		.4	1.2	1.7	.8	.9	.3	.1			5.5	16.5
SW		.3	.5	.5							1.3	10.3
WSW		.4	.5	.1							1.1	8.1
W		.8	.3	.4	.4						1.9	10.6
WNW		.4		.1	.3	.1					.9	12.4
NW	.3	1.2	.4	.8		.4					2.1	10.2
NNW		1.3	.5	.7	.3	.1	.1				3.1	10.6
VARIABLE												
CALM	////////////////////										16.8	////
TOTALS	1.6	16.1	19.5	25.6	10.5	7.1	1.6	1.2			100.0	10.8

TOTAL NUMBER OF OBSERVATIONS: 750

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CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPRESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	9/10
OVERCAST	-	10/10
OBSCURED	-	10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: MELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS(IST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GF 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	3.3	32.8	33.2	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 20000		3.3	35.3	35.7	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 18000		3.3	35.9	36.2	36.2	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 16000		3.3	35.9	36.2	36.2	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 14000		3.3	36.0	36.3	36.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 12000		4.3	43.5	43.8	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 10000		4.4	49.8	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 9000		4.4	53.3	53.7	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 8000		4.4	54.6	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 7000		4.4	54.6	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 6000		4.4	54.6	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 5000		4.4	73.8	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500		4.4	74.0	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000		4.4	82.4	82.9	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500		4.9	87.7	88.1	88.1	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000		5.0	93.5	94.2	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500		5.0	94.8	95.8	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000		5.2	96.4	97.4	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800		5.2	96.4	97.4	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500		5.2	96.4	97.4	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200		5.3	97.5	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000		5.3	97.5	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		5.3	97.5	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800		5.3	97.5	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700		5.3	97.5	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600		5.3	97.5	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500		5.3	97.5	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400		5.3	97.5	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300		5.3	97.5	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200		5.3	97.5	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100		5.3	97.5	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0		5.3	97.5	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 46	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL	3.6	31.1	31.1	31.1	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.4
GE 20000	3.6	34.1	34.2	34.2	34.3	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.6
GE 18000	3.6	34.6	34.7	34.7	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.0
GE 16000	3.6	34.6	34.7	34.7	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.0
GE 14000	3.6	34.6	34.8	34.8	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.1
GE 12000	5.0	42.1	42.3	42.3	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6
GE 10000	5.3	48.9	49.1	49.1	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4
GE 9000	5.4	52.8	53.0	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4
GE 8000	5.4	54.4	54.6	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9
GE 7000	5.4	54.5	54.7	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0
GE 6000	5.4	54.5	54.7	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0
GE 5000	5.4	74.4	74.6	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
GE 4500	5.4	74.5	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.1
GE 4000	5.5	82.1	82.3	82.4	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9
GE 3500	5.6	86.7	86.9	87.0	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5
GE 3000	5.7	92.3	92.8	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.0
GE 2500	5.8	94.1	94.7	95.6	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
GE 2000	5.8	95.7	96.4	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1
GE 1800	5.8	95.7	96.4	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1
GE 1500	5.8	95.9	96.5	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.1	98.2
GE 1200	5.8	96.9	97.8	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.6	99.7
GE 1000	5.8	96.9	97.8	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.6	99.7
GE 900	5.8	96.9	97.8	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.6	99.7
GE 800	5.8	96.9	97.8	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.6	99.7
GE 700	5.8	97.0	97.9	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7	99.8
GE 600	5.8	97.0	97.9	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7	99.8
GE 500	5.8	97.0	97.9	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7	99.8
GE 400	5.8	97.0	97.9	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7	99.9
GE 300	5.8	97.0	97.9	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7	99.9
GE 200	5.8	97.1	98.0	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.8	100.0
GE 100	5.8	97.1	98.0	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.8	100.0
GE 0	5.8	97.1	98.0	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: ELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS (LST): 0600-0600

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 90	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	5.0	32.1	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 20000	5.3	37.6	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 18000	5.5	39.1	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 16000	5.5	39.1	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 14000	5.5	39.1	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 12000	7.1	45.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 10000	7.1	51.6	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 9000	7.2	57.2	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 8000	7.2	58.0	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 7000	7.2	58.1	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 6000	7.2	58.1	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 5000	7.3	76.1	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4500	7.3	76.3	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4000	8.2	82.6	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4
GE 3500	8.3	87.4	88.8	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
GE 3000	8.3	92.2	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8
GE 2500	8.3	94.3	96.4	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7
GE 2000	8.3	94.7	96.9	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.5
GE 1800	8.3	94.7	96.9	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.5
GE 1500	8.3	94.7	96.9	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.5
GE 1200	8.3	95.7	98.0	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.7
GE 1000	8.3	95.7	98.1	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8
GE 900	8.3	95.7	98.1	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8
GE 800	8.3	95.7	98.1	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8
GE 700	8.3	95.8	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.9
GE 600	8.3	95.8	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.9
GE 500	8.3	95.8	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.9
GE 400	8.3	95.8	98.2	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0
GE 300	8.3	95.8	98.2	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0
GE 200	8.3	95.8	98.2	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0
GE 100	8.3	95.8	98.2	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0
GE 0	8.3	95.8	98.2	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEL.	6.5	33.9	35.3	35.5	35.5	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 20000	7.2	44.2	46.0	46.2	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5
GE 18000	7.2	46.0	48.0	48.2	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5
GE 16000	7.2	46.0	48.0	48.2	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5
GE 14000	7.2	46.0	48.0	48.2	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5
GE 12000	8.9	52.4	54.6	55.0	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4
GE 10000	8.9	55.9	58.5	58.7	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2
GE 9000	9.1	59.7	62.8	63.1	63.3	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
GE 8000	9.2	61.8	64.9	65.2	65.3	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
GE 7000	9.2	62.2	65.2	65.6	65.7	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1
GE 6000	9.2	62.2	65.2	65.6	65.7	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1
GE 5000	9.2	72.5	75.6	75.9	76.0	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5
GE 4500	9.2	73.2	76.2	76.6	76.7	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1
GE 4000	10.3	79.3	83.1	83.4	83.5	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
GE 3500	10.7	84.3	88.2	88.6	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1
GE 3000	10.9	89.2	93.9	94.7	94.8	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
GE 2500	11.2	90.6	95.7	96.5	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4
GE 2000	11.3	91.3	96.4	97.2	97.5	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
GE 1800	11.3	91.3	96.4	97.2	97.5	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
GE 1500	11.3	91.3	96.4	97.2	97.5	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
GE 1200	11.3	92.3	97.7	98.8	99.0	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 1000	11.3	92.3	97.7	98.8	99.0	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 900	11.3	92.3	97.7	98.8	99.0	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 800	11.3	92.3	97.7	98.8	99.0	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 700	11.3	92.3	97.7	98.8	99.0	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 600	11.3	92.3	97.7	98.8	99.0	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 500	11.3	92.3	97.7	98.8	99.0	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 400	11.3	92.3	97.7	98.8	99.0	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	11.3	92.3	97.7	98.8	99.0	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	11.3	92.3	97.7	98.8	99.0	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	11.3	92.3	97.7	98.8	99.0	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	11.3	92.3	97.7	98.8	99.0	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 905

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL	1	6.5	35.0	35.2	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.4
GE 2000	7.9	45.8	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.4
GE 1800	7.9	47.7	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.3
GE 1600	7.9	47.9	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5
GE 1400	7.9	48.1	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6
GE 1200	10.5	55.1	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6
GE 1000	10.6	58.8	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5
GE 900	10.6	62.3	62.8	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4
GE 800	10.6	63.6	64.2	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
GE 700	10.6	63.6	64.2	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
GE 600	10.6	63.6	64.2	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
GE 500	10.6	72.6	72.5	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
GE 450	10.6	72.6	73.3	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0
GE 400	12.6	81.1	81.9	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.8
GE 350	12.8	87.4	88.4	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
GE 300	13.1	91.9	93.4	94.5	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
GE 250	13.2	93.5	95.3	96.6	96.6	97.0	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3
GE 200	13.2	93.7	96.0	97.4	97.4	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3
GE 180	13.2	93.8	96.1	97.6	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4
GE 150	13.2	93.9	96.2	97.8	97.8	98.3	98.3	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.7
GE 120	13.2	94.3	96.7	98.6	98.7	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7
GE 100	13.2	94.3	96.7	98.6	98.7	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7
GE 90	13.2	94.3	96.7	98.6	98.7	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7
GE 80	13.2	94.3	96.7	98.6	98.7	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7
GE 70	13.2	94.4	96.8	98.8	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 60	13.2	94.4	96.8	98.8	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 50	13.2	94.4	96.8	98.8	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 40	13.2	94.4	96.8	98.8	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 30	13.2	94.5	96.9	98.9	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 20	13.2	94.5	96.9	98.9	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 10	13.2	94.5	96.9	98.9	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: JAN

HOURS(1ST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1 6.7	GE 9.0	GE 8.0	GE 6.0	GE 4.8	GE 4.0	GE 3.2	GE 2.4	GE 2.0	GE 1.6	GE 1.2	GE 1.0	GE .8	GE .5	GE .4	GE .0
NO CEIL	6.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9
GE 2000	8.0	44.3	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9
GE 1800	8.0	46.5	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1
GE 1600	8.0	46.9	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5
GE 1400	8.0	47.1	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8
GE 1200	9.8	54.1	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0
GE 1000	9.8	58.0	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9
GE 900	9.8	62.5	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4
GE 800	9.8	62.9	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8
GE 700	9.8	63.0	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9
GE 600	9.8	63.0	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9
GE 500	9.8	71.4	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3
GE 450	9.8	71.9	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7
GE 400	11.6	81.1	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1
GE 350	11.6	89.7	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
GE 300	11.8	93.2	94.5	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 250	11.9	94.8	96.3	97.4	97.6	97.7	97.7	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 200	11.9	94.9	96.4	97.7	97.9	98.0	98.0	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 180	11.9	95.0	96.5	97.9	98.1	98.3	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 150	11.9	95.1	96.6	98.0	98.3	98.4	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 120	11.9	95.4	97.1	98.6	98.9	99.0	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	11.9	95.4	97.1	98.6	98.9	99.0	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 90	11.9	95.4	97.1	98.6	98.9	99.0	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 80	11.9	95.4	97.1	98.7	99.0	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 60	11.9	95.5	97.2	98.8	99.1	99.3	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 50	11.9	95.5	97.2	98.8	99.1	99.3	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 40	11.9	95.6	97.3	98.9	99.2	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	11.9	95.6	97.3	98.9	99.2	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	11.9	95.6	97.3	98.9	99.2	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	11.9	95.6	97.3	98.9	99.2	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	11.9	95.6	97.3	98.9	99.2	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIXON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	5.1	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 20000	5.2	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 18000	5.2	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 16000	5.2	43.2	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 14000	5.2	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 12000	6.7	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 10000	7.1	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 9000	7.1	58.9	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 8000	7.3	60.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 7000	7.3	60.3	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 6000	7.3	60.3	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 5000	7.3	73.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	7.3	73.1	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	8.2	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3500	8.4	88.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3000	8.4	93.2	94.5	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2500	8.4	94.3	95.7	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	8.4	94.9	96.4	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	8.4	95.1	96.7	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	8.4	95.1	96.7	97.5	98.0	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	8.4	96.0	97.7	98.5	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	9.4	96.0	97.7	98.5	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	8.4	96.0	97.7	98.5	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	8.4	96.0	97.7	98.5	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	9.4	96.3	98.0	98.8	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	8.4	96.3	98.0	98.8	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	8.4	96.3	98.0	98.8	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	8.4	96.4	98.1	98.9	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	8.4	96.4	98.1	98.9	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	8.4	96.4	98.1	98.9	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	8.4	96.4	98.1	98.9	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	8.4	96.5	98.3	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GL	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	0
NO CEIL	4.8	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 20000	5.1	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 18000	5.1	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 16000	5.1	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 14000	5.1	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 12000	6.2	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 10000	6.2	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 9000	6.3	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 8000	6.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 7000	6.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 6000	6.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 5000	6.3	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4500	6.3	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 4000	6.6	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3500	6.6	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3000	6.7	94.8	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2500	6.7	96.0	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	6.7	97.4	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	6.7	97.5	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	6.7	97.6	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	6.7	98.4	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	6.7	98.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	6.7	98.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	6.7	98.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	6.7	98.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	6.7	98.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	6.7	98.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	6.7	98.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	6.7	98.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	6.7	98.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	6.7	98.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	CI	6.7	98.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	5.2	33.5	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.0
GE 20000	5.7	40.1	40.6	40.6	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 18000	5.7	41.4	41.9	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 16000	5.7	41.5	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.3
GE 14000	5.7	41.6	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.4
GE 12000	7.3	48.4	49.1	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 10000	7.4	53.5	54.2	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 9000	7.5	57.7	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 8000	7.5	59.1	60.0	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 7000	7.5	59.2	60.1	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 6000	7.5	59.2	60.1	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 5000	7.5	73.4	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
GE 4500	7.5	73.8	74.7	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 4000	8.5	81.6	82.7	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3500	8.6	87.3	88.4	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3000	8.8	92.6	94.2	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0
GE 2500	8.8	94.1	95.9	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
GE 2000	8.9	94.9	96.8	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
GE 1800	8.9	94.9	96.8	97.7	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 1500	8.9	95.0	96.9	97.8	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
GE 1200	8.9	95.8	97.8	98.9	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7
GE 1000	8.9	95.8	97.9	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7
GE 900	8.9	95.8	97.9	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7
GE 800	8.9	95.8	97.9	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7
GE 700	8.9	95.9	98.0	99.0	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9
GE 600	8.9	95.9	98.0	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9
GE 500	8.9	95.9	98.0	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9
GE 400	8.9	96.0	98.0	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 300	8.9	96.0	98.0	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 200	8.9	96.0	98.0	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 100	8.9	96.0	98.0	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 0	8.9	96.0	98.0	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 7267

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16716C STATION NAME: HELLENIKON ABS/ATHENS GH

PERIOD OF RECORD: 78-87

MONTH: FEB HOURS (LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	2.7	33.1	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 20000	2.9	37.5	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 18000	2.9	38.0	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 16000	2.9	38.0	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 14000	2.9	38.2	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 12000	3.1	43.7	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 10000	3.2	51.9	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 9000	3.2	57.4	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 8000	3.2	59.0	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 7000	3.2	59.0	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 6000	3.2	59.0	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 5000	3.2	71.9	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 4500	3.2	72.4	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 4000	3.3	83.6	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 3500	3.3	88.4	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3000	3.3	93.2	94.2	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	3.3	94.7	95.7	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	3.3	95.2	96.3	97.4	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	3.3	95.3	96.4	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	3.3	95.5	96.7	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	3.3	96.4	97.5	98.8	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	3.3	96.4	97.5	98.8	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	3.3	96.4	97.5	98.8	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	3.3	96.4	97.5	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	3.3	96.7	97.8	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	3.3	96.7	97.8	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	3.3	96.7	97.8	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	3.3	96.7	97.9	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	3.3	96.7	97.9	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	3.3	96.7	97.9	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	3.3	96.7	97.9	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	3.3	96.7	97.9	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1.7	28.7	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 20000	1.9	33.3	35.3	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 18000	1.9	34.7	36.7	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 16000	1.9	34.7	36.7	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 14000	1.9	34.7	36.7	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 12000	2.7	42.1	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 10000	2.7	49.1	51.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 9000	2.9	56.9	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 8000	2.9	57.6	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 7000	2.9	57.6	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 6000	2.9	57.6	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 5000	3.0	72.2	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4500	3.0	72.6	75.0	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4000	3.0	81.8	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500	3.0	87.4	89.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 3000	3.0	92.9	95.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	3.0	94.3	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	3.0	94.4	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	3.0	94.4	97.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	3.0	94.7	97.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	3.0	95.2	98.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	3.0	95.2	98.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	3.0	95.2	98.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	3.0	95.3	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	3.0	95.3	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	3.0	95.3	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	3.0	95.3	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	3.0	95.3	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	3.0	95.3	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	3.0	95.3	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	3.0	95.3	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3.0	95.3	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16716C STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: FEB HOURS(LST): 0600-0800

CEILING IN FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL	1.9	27.1	28.3	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 20000	2.5	33.6	35.1	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 18000	2.5	34.7	36.6	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 16000	2.5	34.7	36.6	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 14000	2.5	34.7	36.6	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 12000	3.1	42.7	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 10000	3.4	51.3	53.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 9000	3.4	56.9	58.9	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 8000	3.4	58.3	60.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 7000	3.4	58.4	60.4	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 6000	3.4	58.4	60.4	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 5000	3.4	71.8	73.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	3.4	71.9	73.9	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4000	4.0	80.8	83.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
GE 3500	4.0	87.1	89.5	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5
GE 3000	4.1	92.1	94.5	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5
GE 2500	4.1	93.4	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
GE 2000	4.2	94.6	97.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8
GE 1800	4.2	94.6	97.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8
GE 1500	4.2	94.6	97.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8
GE 1200	4.2	95.3	97.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 1000	4.2	95.3	97.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 900	4.2	95.3	97.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 800	4.2	95.3	97.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 700	4.2	95.4	98.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
GE 600	4.2	95.4	98.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
GE 500	4.2	95.4	98.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
GE 400	4.2	95.4	98.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
GE 300	4.2	95.4	98.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
GE 200	4.2	95.4	98.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
GE 100	4.2	95.4	98.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
GE	4.2	95.4	98.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8

TOTAL NUMBER OF OBSERVATIONS: 801

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16716C STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	3.0	27.7	29.6	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.5	30.6	30.6	30.7	30.7	30.7
GE 20000	3.0	36.9	39.1	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2	40.2	40.2
GE 18000	3.0	39.8	42.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.6	43.6	43.6
GE 16000	3.0	39.8	42.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.6	43.6	43.6
GE 14000	3.0	40.4	43.5	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.2
GE 12000	4.9	46.4	49.0	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6
GE 10000	4.9	51.5	54.1	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7
GE 9000	4.9	55.7	58.3	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1
GE 8000	4.9	57.5	60.4	62.1	62.3	62.3	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6
GE 7000	5.1	58.0	60.9	62.6	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1
GE 6000	5.1	58.0	60.9	62.6	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1
GE 5000	5.1	67.7	70.5	72.2	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7
GE 4500	5.1	68.3	71.1	72.8	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3
GE 4000	5.6	77.5	81.1	82.8	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5
GE 3500	5.7	82.1	85.9	87.8	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4
GE 3000	5.9	86.2	90.9	93.0	93.3	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8
GE 2500	5.9	87.9	92.7	95.1	95.4	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2
GE 2000	5.9	88.8	93.7	96.2	96.8	97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
GE 1800	5.9	88.9	93.8	96.3	96.9	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
GE 1500	5.9	88.9	93.8	96.4	97.0	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0
GE 1200	5.9	89.3	94.3	97.3	98.0	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
GE 1000	5.9	89.3	94.3	97.3	98.0	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
GE 900	5.9	89.3	94.3	97.3	98.0	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
GE 800	5.9	89.3	94.3	97.3	98.0	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
GE 700	5.9	89.4	94.4	97.5	98.4	99.1	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8
GE 600	5.9	89.4	94.4	97.5	98.4	99.1	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8
GE 500	5.9	89.4	94.4	97.5	98.4	99.1	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8
GE 400	5.9	89.4	94.4	97.5	98.4	99.3	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 300	5.9	89.4	94.4	97.5	98.4	99.3	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 200	5.9	89.4	94.4	97.5	98.5	99.4	99.4	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	5.9	89.4	94.4	97.5	98.5	99.4	99.4	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE	5.9	89.4	94.4	97.5	98.5	99.4	99.4	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
NO CEIL	5.3	32.7	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.3	33.3	33.3	33.3	33.3
GE 20000	5.7	43.1	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.7	43.7	43.9	43.9	43.9	43.9	43.9
GE 18000	5.7	45.0	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.6	45.6	45.7	45.7	45.7	45.7	45.7
GE 16000	5.7	45.6	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.3	46.3	46.3	46.3	46.3
GE 14000	5.7	45.8	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.5	46.5	46.6	46.6	46.6	46.6	46.6
GE 12000	7.1	51.8	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.7	52.7	52.7	52.7	52.7
GE 10000	7.1	57.1	57.5	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.4	58.4	58.4	58.4	58.4
GE 9000	7.1	60.3	60.8	61.6	61.6	61.6	61.6	61.7	61.7	61.8	61.8	62.0	62.0	62.0	62.0	62.0
GE 8000	7.1	61.3	61.8	62.6	62.6	62.6	62.6	62.8	62.8	62.9	62.9	63.1	63.1	63.1	63.1	63.1
GE 7000	7.1	61.6	62.2	62.9	62.9	62.9	62.9	63.2	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4
GE 6000	7.1	61.6	62.2	62.9	62.9	62.9	62.9	63.2	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4
GE 5000	7.1	68.9	69.5	70.3	70.3	70.3	70.3	70.5	70.5	70.6	70.6	70.8	70.8	70.8	70.8	70.8
GE 4500	7.1	69.4	70.0	70.8	70.8	70.8	70.8	71.0	71.0	71.1	71.1	71.3	71.3	71.3	71.3	71.3
GE 4000	8.3	79.2	80.0	81.0	81.0	81.2	81.2	81.4	81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.7
GE 3500	8.3	84.9	86.0	87.4	87.4	87.5	87.5	87.7	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0
GE 3000	8.4	89.7	91.3	92.7	92.8	92.9	92.9	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4
GE 2500	8.4	91.1	92.9	94.8	94.9	95.2	95.2	95.5	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8
GE 2000	8.4	91.9	93.8	96.0	96.4	96.8	96.8	97.1	97.3	97.4	97.4	97.5	97.5	97.6	97.6	97.6
GE 1800	8.4	91.9	93.8	96.0	96.4	96.8	96.8	97.1	97.3	97.4	97.4	97.5	97.5	97.6	97.6	97.6
GE 1500	8.4	92.2	94.1	96.3	96.8	97.1	97.1	97.8	97.9	98.0	98.0	98.1	98.1	98.3	98.3	98.3
GE 1200	8.4	92.9	94.8	97.1	97.6	98.1	98.1	98.8	98.9	99.0	99.0	99.1	99.1	99.3	99.3	99.3
GE 1000	8.4	92.9	94.8	97.1	97.6	98.1	98.1	98.8	98.9	99.0	99.0	99.1	99.1	99.3	99.3	99.3
GE 900	8.4	92.9	94.8	97.1	97.6	98.1	98.1	98.8	98.9	99.0	99.0	99.1	99.1	99.3	99.3	99.3
GE 800	8.4	93.1	95.0	97.6	98.1	98.6	98.6	99.4	99.5	99.6	99.6	99.8	99.8	100.0	100.0	100.0
GE 700	8.4	93.1	95.0	97.6	98.1	98.6	98.6	99.4	99.5	99.6	99.6	99.8	99.8	100.0	100.0	100.0
GE 600	8.4	93.1	95.0	97.6	98.1	98.6	98.6	99.4	99.5	99.6	99.6	99.8	99.8	100.0	100.0	100.0
GE 500	8.4	93.1	95.0	97.6	98.1	98.6	98.6	99.4	99.5	99.6	99.6	99.8	99.8	100.0	100.0	100.0
GE 400	8.4	93.1	95.0	97.6	98.1	98.6	98.6	99.4	99.5	99.6	99.6	99.8	99.8	100.0	100.0	100.0
GE 300	8.4	93.1	95.0	97.6	98.1	98.6	98.6	99.4	99.5	99.6	99.6	99.8	99.8	100.0	100.0	100.0
GE 200	8.4	93.1	95.0	97.6	98.1	98.6	98.6	99.4	99.5	99.6	99.6	99.8	99.8	100.0	100.0	100.0
GE 100	8.4	93.1	95.0	97.6	98.1	98.6	98.6	99.4	99.5	99.6	99.6	99.8	99.8	100.0	100.0	100.0
GE 0	8.4	93.1	95.0	97.6	98.1	98.6	98.6	99.4	99.5	99.6	99.6	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN FEET		GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GL 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL		4.2	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	
GE 2000	CL	4.9	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	
GE 1800	CL	5.2	42.2	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	
GE 1600	CL	5.2	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	
GE 1400	CL	5.2	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	
GE 1200	CL	6.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	
GE 1000	CL	7.0	55.9	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	
GE 900	CL	7.0	58.6	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	
GE 800	CL	7.0	59.7	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	
GE 700	CL	7.0	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	
GE 600	CL	7.0	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	
GE 500	CL	7.0	66.5	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	
GE 450	CL	7.0	67.0	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	
GE 400	CL	7.8	79.6	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	
GE 350	CL	7.8	87.8	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	
GE 300	CL	7.8	92.1	93.0	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
GE 250	CL	8.0	94.3	95.4	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 200	CL	8.0	95.1	96.4	97.5	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 180	CL	8.0	95.1	96.4	97.5	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 150	CL	8.0	95.1	96.6	97.7	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GE 120	CL	8.0	95.3	97.0	98.3	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 100	CL	8.0	95.3	97.0	98.3	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 90	CL	8.0	95.3	97.0	98.3	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 80	CL	8.0	95.6	97.3	98.5	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 70	CL	8.1	95.7	97.4	98.6	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 60	CL	8.1	95.7	97.4	98.6	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 50	CL	8.1	95.7	97.4	98.6	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 40	CL	8.1	95.8	97.5	98.8	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 30	CL	8.1	95.8	97.5	98.8	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 20	CL	8.1	95.8	97.5	98.8	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 10	CL	8.1	95.8	97.5	98.8	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE	CL	8.1	95.9	97.7	98.9	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 412

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LOCAL): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
FEET		1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CEIL		2.8	29.7	29.9	29.9	29.9	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 20000	3.8	36.4	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 18000	3.9	40.6	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 16000	3.9	40.5	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 14000	3.9	40.9	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 12000	5.0	47.6	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 10000	5.1	54.7	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 9000	5.1	59.5	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 8000	5.1	60.8	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000	5.1	61.0	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 6000	5.1	61.0	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 5000	5.1	70.5	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4500	5.1	70.9	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 4000	5.1	82.0	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3500	5.1	88.5	89.5	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3000	5.3	92.0	93.3	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	5.3	93.4	94.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	5.3	94.6	96.2	97.3	97.6	97.7	97.7	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	5.3	94.9	96.5	97.6	97.8	97.9	97.9	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	5.3	94.9	96.5	97.6	97.8	97.9	97.9	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	5.3	96.0	97.6	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	5.3	96.0	97.6	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	5.3	96.0	97.6	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	5.3	96.1	97.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	5.3	96.1	97.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	5.3	96.1	97.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	5.3	96.1	97.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	5.3	96.1	97.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	5.3	96.1	97.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	5.3	96.1	97.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	5.3	96.1	97.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5.3	96.1	97.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 17

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	I	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	I	2.7	32.2	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 20000	I	3.2	37.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 18000	I	3.2	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 16000	I	3.2	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 14000	I	3.2	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 12000	I	3.8	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 10000	I	4.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 9000	I	4.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 8000	I	4.3	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 7000	I	4.3	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 6000	I	4.3	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 5000	I	4.3	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 4500	I	4.3	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4000	I	4.3	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3500	I	4.3	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000	I	4.4	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2500	I	4.4	95.1	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	I	4.4	95.6	97.3	97.5	97.8	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	I	4.4	95.6	97.4	97.7	98.0	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	I	4.4	95.7	97.5	97.8	98.2	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	I	4.6	96.8	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	I	4.6	96.8	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	I	4.6	96.8	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	I	4.6	96.8	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	I	4.6	96.8	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	I	4.6	96.8	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	I	4.6	96.8	98.6	99.0	99.4	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	I	4.6	96.9	98.8	99.1	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	I	4.6	96.9	98.8	99.1	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	I	4.6	96.9	98.8	99.1	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	I	4.6	96.9	98.8	99.1	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	I	4.6	96.9	98.8	99.1	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 411

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: FEB HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	3.0	30.0	30.7	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	31.0	31.0	31.0
GE 20000	3.6	37.5	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.6
GE 18000	3.6	39.1	40.1	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 16000	3.6	39.3	40.3	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.7	40.7	40.7
GE 14000	3.6	39.5	40.5	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9	40.9
GE 12000	4.6	46.1	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7
GE 10000	4.7	53.0	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6
GE 9000	4.7	57.8	59.0	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 8000	4.7	59.1	60.3	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 7000	4.8	59.3	60.5	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2
GE 6000	4.8	59.3	60.5	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2
GE 5000	4.8	70.1	71.4	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 4500	4.8	70.5	71.8	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	5.2	80.9	82.3	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
GE 3500	5.2	86.8	88.4	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4
GE 3000	5.3	91.5	93.4	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
GE 2500	5.3	93.0	95.0	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
GE 2000	5.3	93.8	96.0	97.4	97.7	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
GE 1800	5.3	93.8	96.1	97.5	97.8	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3
GE 1600	5.3	93.9	96.2	97.6	97.6	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5
GE 1400	5.3	94.6	97.0	98.5	98.9	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	5.3	94.6	97.0	98.5	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 1000	5.3	94.6	97.0	98.5	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 900	5.3	94.7	97.0	98.6	99.0	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 800	5.4	94.8	97.2	98.8	99.2	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 700	5.4	94.8	97.2	98.8	99.2	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 600	5.4	94.8	97.2	98.8	99.2	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 500	5.4	94.8	97.2	98.8	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 400	5.4	94.8	97.2	98.9	99.3	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 300	5.4	94.8	97.2	98.9	99.3	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	5.4	94.8	97.2	98.9	99.3	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	5.4	94.8	97.2	98.9	99.3	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE	5.4	94.8	97.2	98.9	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 6472

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: MAR

HOURS(LST): 0000-0100

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	100	90	80	60	40	32	24	20	16	12	10	8	5	4	3	2	1	0
NO CEIL	1.0	31.7	32.6	32.6	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.9	32.9	32.9	
GE 20000	2.0	37.2	38.2	38.2	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.8	
GE 18000	2.0	37.6	38.6	38.6	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2	
GE 16000	2.0	37.8	38.8	38.8	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.4	
GE 14000	2.0	37.8	38.8	38.8	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.4	
GE 12000	2.1	43.3	44.4	44.4	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.1	45.1	
GE 10000	2.3	49.7	50.8	50.8	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	
GE 9000	2.3	53.0	54.1	54.1	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	
GE 8000	2.3	53.4	54.5	54.5	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	
GE 7000	2.3	53.4	54.5	54.5	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	
GE 6000	2.3	53.4	54.5	54.5	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	
GE 5000	2.3	76.9	78.0	78.0	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	
GE 4500	2.3	76.9	78.0	78.0	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	
GE 4000	2.5	83.6	85.1	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	
GE 3500	2.5	87.7	89.2	89.5	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	
GE 3000	2.8	92.6	94.5	94.8	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	
GE 2500	2.8	93.9	96.1	96.8	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	
GE 2000	2.8	94.8	97.1	97.8	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	
GE 1800	2.8	94.8	97.1	97.8	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	
GE 1500	2.8	94.9	97.2	97.9	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	
GE 1200	2.8	95.7	98.1	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	
GE 1000	2.8	95.7	98.1	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	
GE 900	2.8	95.7	98.1	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	
GE 800	2.8	95.7	98.1	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	
GE 700	2.8	95.7	98.1	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	
GE 600	2.8	95.7	98.1	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	
GE 500	2.8	95.7	98.1	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	
GE 400	2.8	95.7	98.1	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	
GE 300	2.8	95.7	98.1	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	
GE 200	2.8	95.7	98.1	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	
GE 100	2.8	95.7	98.1	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	
GE	2.8	95.7	98.1	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 205

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: MAR HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	1.7	29.9	31.5	31.9	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 20000	1.4	34.8	36.5	36.8	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 18000	1.4	35.1	36.8	37.1	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 16000	1.4	35.1	36.8	37.1	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 14000	1.4	35.1	36.8	37.1	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 12000	1.8	41.2	43.1	43.6	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 10000	1.9	47.0	48.9	49.4	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 9000	2.0	50.8	52.7	53.3	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8
GE 8000	2.0	51.6	53.5	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6
GE 7000	2.0	51.6	53.5	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6
GE 6000	2.0	51.6	53.5	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6
GE 5000	2.0	75.9	77.8	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
GE 4500	2.0	75.9	77.8	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
GE 4000	2.1	81.3	83.4	83.9	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
GE 3500	2.1	86.4	88.5	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
GE 3000	2.2	91.2	93.9	94.5	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.2
GE 2500	2.2	93.0	96.2	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.7
GE 2000	2.2	93.8	97.0	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8
GE 1800	2.2	93.8	97.0	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8
GE 1500	2.2	94.0	97.2	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.0
GE 1200	2.3	94.5	97.9	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.7
GE 1000	2.3	94.5	97.9	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.7
GE 900	2.3	94.5	97.9	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.7
GE 800	2.3	94.5	97.9	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.7
GE 700	2.3	94.8	98.2	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 600	2.3	94.8	98.2	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 500	2.3	94.8	98.2	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 400	2.3	94.8	98.2	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 300	2.3	94.8	98.2	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 200	2.3	94.8	98.2	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 100	2.3	94.8	98.2	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 0	2.3	94.6	98.2	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: MAR HOURS (LST): 0600-0600

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	ST 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	3.4	25.6	30.0	31.5	31.9	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 20000	3.4	32.9	37.7	39.2	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 18000	3.4	33.4	38.1	39.7	40.2	40.2	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 16000	3.4	33.4	38.1	39.7	40.2	40.2	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 14000	3.4	33.5	38.2	39.8	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 12000	4.2	39.7	44.9	46.7	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 10000	4.2	44.5	49.7	51.7	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 9000	4.2	47.9	53.2	55.2	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 8000	4.2	48.3	53.8	55.8	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 7000	4.2	48.4	54.0	56.0	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 6000	4.2	48.4	54.0	56.0	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 5000	4.2	68.4	73.9	75.9	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 4500	4.3	68.7	74.3	76.3	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4000	5.0	74.2	79.8	81.9	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3500	5.0	79.7	85.5	87.7	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3000	5.0	84.4	90.6	93.1	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	5.0	86.5	92.8	95.5	96.2	96.2	96.2	96.3	96.7	96.7	96.7	96.8	96.8	96.8	96.9	96.9
GE 2000	5.0	86.7	93.2	96.2	97.0	97.0	97.0	97.1	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7
GE 1800	5.0	86.7	93.2	96.2	97.1	97.1	97.1	97.2	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8
GE 1500	5.0	86.7	93.2	96.2	97.1	97.2	97.2	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.9	97.9
GE 1200	5.1	87.5	94.1	97.6	98.6	98.7	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3
GE 1000	5.1	87.5	94.1	97.6	98.6	98.7	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3
GE 900	5.1	87.5	94.1	97.6	98.6	98.7	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3
GE 800	5.1	87.5	94.2	97.7	98.7	98.8	98.8	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4
GE 700	5.1	87.6	94.5	97.9	99.0	99.1	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8
GE 600	5.1	87.6	94.5	97.9	99.0	99.2	99.2	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9
GE 500	5.1	87.6	94.5	97.9	99.0	99.2	99.2	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9
GE 400	5.1	87.6	94.5	97.9	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0
GE 300	5.1	87.6	94.5	97.9	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0
GE 200	5.1	87.6	94.5	97.9	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0
GE 100	5.1	87.6	94.5	97.9	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0
GE 0	5.1	87.6	94.5	97.9	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: MAR

HOURS (LST): 0900-1100

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	2.6	29.1	32.4	33.9	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.4	34.4
GE 20000	3.3	38.1	42.9	45.1	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8
GE 18000	3.3	38.9	43.7	45.9	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.5
GE 16000	3.3	39.1	43.9	46.1	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8
GE 14000	3.3	39.3	44.1	46.5	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2
GE 12000	4.5	45.7	50.7	53.5	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1
GE 10000	4.6	49.2	54.6	57.5	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2
GE 9000	4.6	51.9	57.5	60.4	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1
GE 8000	4.6	52.4	58.1	61.0	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8
GE 7000	4.6	52.4	58.1	61.0	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8
GE 6000	4.6	52.4	58.1	61.0	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8
GE 5000	4.6	65.9	71.7	74.6	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4
GE 4500	4.6	66.4	72.2	75.1	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
GE 4000	5.2	73.2	79.3	82.3	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
GE 3500	5.5	78.5	84.9	88.0	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
GE 3000	5.5	83.4	90.3	93.9	94.5	94.7	94.7	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
GE 2500	5.8	84.6	92.0	95.9	96.7	96.9	96.9	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 2000	5.8	85.3	92.8	97.0	97.8	98.2	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 1800	5.8	85.3	92.8	97.0	97.8	98.2	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 1500	5.8	85.3	92.8	97.1	97.9	98.3	98.3	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 1200	5.8	85.4	93.1	97.4	98.3	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 1000	5.8	85.4	93.1	97.4	98.3	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 900	5.8	85.4	93.1	97.4	98.3	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 800	5.8	85.4	93.1	97.6	98.4	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 700	5.8	85.5	93.3	97.8	98.7	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 600	5.8	85.5	93.3	97.8	98.7	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	5.8	85.5	93.3	97.8	98.7	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	5.8	85.5	93.3	97.8	98.8	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	5.8	85.5	93.3	97.8	98.8	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	5.8	85.5	93.3	97.8	98.8	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	5.8	85.5	93.3	97.8	98.8	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 0	5.8	85.5	93.3	97.8	98.8	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1200-1400

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL	4.2	34.1	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 20000	4.8	45.3	46.6	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 18000	4.8	46.7	48.0	48.7	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 16000	4.8	47.1	48.4	49.1	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 14000	4.8	47.2	48.6	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 12000	6.1	53.4	54.9	55.8	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 10000	6.1	57.9	59.4	60.3	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 9000	6.1	59.8	61.5	62.5	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 8000	6.1	61.0	62.7	63.7	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 7000	6.1	61.1	62.9	63.9	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 6000	6.1	61.1	62.9	63.9	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 5000	6.2	70.3	72.1	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 4500	6.2	70.7	72.5	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	7.1	79.3	81.7	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500	7.2	84.8	87.3	88.4	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3000	7.4	90.5	93.5	94.9	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2500	7.6	92.1	95.1	96.7	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	7.6	92.5	95.7	97.5	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	7.6	92.5	95.7	97.5	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	7.6	92.5	95.7	97.6	98.3	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	7.6	92.8	96.3	98.2	99.0	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	7.6	92.8	96.5	98.3	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	7.6	92.8	96.5	98.3	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	7.6	92.8	96.5	98.3	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	7.6	92.9	96.6	98.4	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	7.6	92.9	96.6	98.4	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	7.6	92.9	96.6	98.4	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	7.6	92.9	96.6	98.4	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	7.6	92.9	96.6	98.4	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	7.6	92.9	96.6	98.4	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	7.6	92.9	96.6	98.4	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	7.6	92.9	96.6	98.4	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 962

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIAON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	3.6	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4
GE 20000	4.0	48.0	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7
GE 18000	4.1	49.7	50.1	50.2	50.2	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7
GE 16000	4.1	50.2	50.7	50.8	50.8	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2
GE 14000	4.1	50.2	50.7	50.8	50.8	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2
GE 12000	4.8	56.1	56.9	57.0	57.0	57.4	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6
GE 10000	4.8	60.2	61.3	61.5	61.5	61.9	61.9	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2
GE 9000	4.8	62.1	63.3	63.5	63.5	64.0	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
GE 8000	4.8	63.7	65.2	65.5	65.5	66.0	66.0	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4
GE 7000	4.8	63.7	65.2	65.5	65.5	66.0	66.0	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4
GE 6000	4.8	63.7	65.2	65.5	65.5	66.0	66.0	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4
GE 5000	4.8	72.4	73.9	74.2	74.2	74.7	74.7	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1
GE 4500	4.8	73.0	74.4	74.8	74.8	75.2	75.2	75.4	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7
GE 4000	5.7	83.1	85.6	85.4	85.4	85.8	85.8	86.0	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	6.0	87.6	89.5	89.8	89.8	90.3	90.3	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7
GE 3000	6.1	92.0	94.5	95.2	95.3	95.8	95.8	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	6.3	93.2	95.8	96.7	96.8	97.2	97.2	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	6.3	94.1	96.8	97.7	97.8	98.2	98.2	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	6.3	94.1	96.8	97.7	97.8	98.2	98.2	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	6.3	94.1	96.8	97.7	97.9	98.3	98.3	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	6.3	94.2	97.6	98.0	98.2	98.7	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	6.3	94.2	97.6	98.0	98.2	98.7	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	6.3	94.2	97.6	98.0	98.2	98.7	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	6.3	94.2	97.6	98.0	98.2	98.7	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	6.3	94.4	97.2	98.3	98.5	99.0	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	6.3	94.4	97.2	98.3	98.5	99.0	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	6.3	94.4	97.2	98.3	98.5	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	6.3	94.4	97.2	98.5	98.8	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	6.3	94.4	97.2	98.5	98.8	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	6.3	94.4	97.2	98.5	98.8	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	6.3	94.4	97.2	98.5	98.8	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	6.3	94.4	97.2	98.5	98.8	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1807-2000

CEILING IN FEET	1	VISIBILITY IN HUNDREDS OF METERS															
		10	20	30	40	50	60	70	80	90	100	120	140	160	180	200	250
NO CEIL	1	3.2	36.2	36.8	37.0	37.0	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 2000	01	3.2	47.4	48.0	48.2	48.3	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 1800	01	3.2	48.4	49.0	49.2	49.3	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 1600	01	3.2	48.7	49.2	49.4	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 1400	01	3.2	48.7	49.2	49.4	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 1200	01	3.6	52.9	53.4	53.7	53.8	53.9	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 1000	01	3.6	57.4	58.2	58.6	58.7	58.9	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 900	01	3.6	59.4	60.2	60.6	60.7	60.9	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 800	01	3.6	59.9	60.9	61.2	61.3	61.6	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 700	01	3.6	59.9	60.9	61.2	61.3	61.6	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 600	01	3.6	59.9	60.9	61.2	61.3	61.6	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 500	01	3.7	74.3	75.3	75.7	75.8	76.0	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 450	01	3.7	74.8	75.8	76.1	76.2	76.4	76.4	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 400	01	4.3	82.0	83.0	83.8	83.9	84.1	84.1	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 350	01	4.3	86.6	87.7	88.6	88.7	88.9	88.9	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 300	01	4.3	91.0	92.7	94.3	94.4	94.7	94.8	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 250	01	4.3	92.8	94.7	96.8	97.0	97.2	97.3	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 200	01	4.3	92.9	94.8	97.0	97.2	97.4	97.6	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 180	01	4.3	92.9	94.8	97.0	97.2	97.4	97.6	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 150	01	4.3	92.9	94.8	97.0	97.2	97.4	97.6	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 120	01	4.4	93.2	95.6	97.9	98.1	98.3	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	01	4.4	93.2	95.6	97.9	98.1	98.3	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 90	01	4.4	93.2	95.6	97.9	98.1	98.3	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 80	01	4.4	93.2	95.6	97.9	98.1	98.3	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 70	01	4.4	93.6	96.0	98.3	98.6	98.8	98.9	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 60	01	4.4	93.6	96.0	98.3	98.6	98.8	98.9	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 50	01	4.4	93.6	96.0	98.3	98.6	98.8	98.9	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 40	01	4.4	93.7	96.1	98.6	98.8	99.0	99.1	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 30	01	4.4	93.7	96.1	98.6	98.8	99.0	99.1	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 20	01	4.4	93.7	96.1	98.6	98.8	99.0	99.1	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 10	01	4.4	93.7	96.1	98.6	98.8	99.0	99.1	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	01	4.4	93.7	96.1	98.6	98.8	99.0	99.1	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16716C STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 2100-2300

CEILING IN FEET	GT	VISIBILITY IN HUNDREDS OF METERS														
		GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	2.0	36.0	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 20000	2.4	41.1	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 18000	2.4	41.7	41.9	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 16000	2.4	41.9	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 14000	2.4	42.1	42.3	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 12000	2.9	48.1	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 10000	2.9	53.0	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 9000	2.9	55.8	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 8000	2.9	56.1	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 7000	2.9	56.2	56.4	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 6000	2.9	56.2	56.4	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 5000	2.9	79.2	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4500	2.9	79.4	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 4000	3.1	84.7	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500	3.1	88.6	88.8	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3000	3.1	93.0	93.8	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	3.1	95.0	96.4	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	3.1	95.6	97.0	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	3.1	95.6	97.0	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1600	3.1	95.6	97.0	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1400	3.1	96.3	97.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	3.1	96.3	97.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	3.1	96.3	97.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	3.1	96.3	97.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	3.1	96.3	97.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	3.1	96.6	98.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	3.1	96.6	98.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	3.1	96.6	98.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	3.1	96.6	98.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	3.1	96.6	98.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	3.1	96.6	98.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	3.1	96.6	98.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	CI	3.1	96.6	98.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		2.8	32.3	33.8	34.3	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.6	34.6	34.6	34.6
GE 2000		3.1	40.6	42.4	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5
GE 1800		3.1	41.4	43.3	43.9	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4
GE 1600		3.1	41.7	43.5	44.1	44.4	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 1400		3.1	41.7	43.6	44.3	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 1200		3.7	47.6	49.6	50.4	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9
GE 1000		3.8	52.4	54.5	55.4	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 900		3.8	55.1	57.3	58.2	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8
GE 800		3.8	55.8	58.1	59.0	59.3	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6
GE 700		3.8	55.8	58.2	59.1	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7
GE 600		3.8	55.8	58.2	59.1	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7
GE 500		3.8	72.9	75.3	76.2	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8
GE 450		3.8	73.2	75.6	76.5	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1
GE 400		4.4	80.2	82.8	83.8	84.1	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 350		4.5	85.0	87.7	88.8	89.1	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5
GE 300		4.6	89.8	93.0	94.4	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
GE 250		4.6	91.4	94.9	96.6	97.0	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6
GE 200		4.6	91.9	95.5	97.3	97.9	98.1	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5
GE 180		4.6	91.9	95.5	97.3	97.9	98.1	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5
GE 150		4.6	92.0	95.6	97.4	98.0	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 120		4.7	92.5	96.3	98.2	98.8	99.0	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
GE 100		4.7	92.5	96.3	98.2	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
GE 90		4.7	92.5	96.3	98.2	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
GE 80		4.7	92.5	96.3	98.3	98.8	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
GE 70		4.7	92.6	96.5	98.5	99.1	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 60		4.7	92.6	96.5	98.5	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8
GE 50		4.7	92.6	96.5	98.5	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8
GE 40		4.7	92.6	96.5	98.5	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
GE 30		4.7	92.6	96.5	98.5	99.2	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 20		4.7	92.6	96.5	98.5	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 10		4.7	92.6	96.5	98.5	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 0		4.7	92.6	96.5	98.5	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0000-0400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GF	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	16"	90	80	60	48	40	32	24	20	16	12	10	8	5	4	3	2
NO CEIL	2.5	32.8	33.0	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 20000	2.7	36.7	37.0	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 18000	2.7	36.8	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 16000	2.7	37.0	37.4	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 14000	2.7	37.0	37.4	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 12000	3.2	42.2	42.5	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 10000	3.2	47.8	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 9000	3.2	50.2	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 8000	3.2	50.4	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 7000	3.2	50.4	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 6000	3.2	50.4	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 5000	3.2	86.6	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4500	3.2	86.7	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 4000	3.4	90.9	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3500	3.4	93.4	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3000	3.4	96.0	97.3	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500	3.4	96.7	98.3	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2000	3.4	96.7	98.4	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	3.4	96.7	98.4	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	3.4	96.7	98.4	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	3.4	96.9	98.6	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	3.4	96.9	98.6	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	3.4	96.9	98.6	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	3.4	96.9	98.6	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	3.4	97.0	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	3.4	97.0	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	3.4	97.0	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	3.4	97.0	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	3.4	97.0	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	3.4	97.0	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	3.4	97.0	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF	71	97.0	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 875

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON AFB/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 0100-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN FEET		GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	1	2.5	30.6	32.0	32.6	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.1	
GE 2000	1	2.5	34.6	36.2	36.9	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.5	
GE 1800	1	2.5	34.7	36.3	37.0	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.6	
GE 1600	1	2.5	35.0	36.6	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.8	
GE 1400	1	2.5	35.0	36.6	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.8	
GE 1200	1	3.1	40.0	41.8	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.2	
GE 1000	1	3.1	45.7	47.5	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.0	
GE 900	1	3.1	48.4	50.2	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.7	
GE 800	1	3.1	48.5	50.5	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.9	
GE 700	1	3.1	48.5	50.5	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.9	
GE 600	1	3.1	48.5	50.5	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.9	
GE 500	1	3.1	84.5	86.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.9	
GE 400	1	3.1	84.5	86.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.9	
GE 300	1	3.4	88.6	90.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.3	
GE 200	1	3.4	91.0	93.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.9	
GE 100	1	3.4	93.8	96.2	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1	
GE 2000	1	3.4	94.1	96.7	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	
GE 1800	1	3.4	94.2	96.9	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	
GE 1600	1	3.4	94.2	96.9	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	
GE 1400	1	3.4	94.3	97.0	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3	
GE 1200	1	3.4	94.4	97.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	
GE 1000	1	3.4	94.4	97.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	
GE 900	1	3.4	94.4	97.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	
GE 800	1	3.4	94.4	97.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	
GE 700	1	3.4	94.4	97.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	
GE 600	1	3.4	94.4	97.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	
GE 500	1	3.4	94.4	97.6	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
GE 400	1	3.4	94.4	97.6	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
GE 300	1	3.4	94.4	97.6	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
GE 200	1	3.4	94.4	97.6	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
GE 100	1	3.4	94.4	97.6	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
GE 0	1	3.4	94.4	97.6	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16716C STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO CEIL	1	4.4	26.8	30.5	32.6	33.7	33.7	33.7	34.1	34.2	34.2	34.2	34.2	34.3	34.5	34.5	34.5	34.5
GE 20000	1	4.7	32.7	37.0	39.8	40.9	41.3	41.3	41.6	41.7	41.7	41.7	41.7	41.9	42.1	42.1	42.1	42.1
GE 18000	1	4.7	33.0	37.5	40.3	41.6	42.0	42.0	42.3	42.4	42.4	42.4	42.4	42.5	42.8	42.8	42.8	42.8
GE 16000	1	4.7	33.4	37.8	40.6	42.0	42.3	42.3	42.7	42.8	42.8	42.8	42.8	42.9	43.1	43.1	43.1	43.1
GE 14000	1	4.7	33.5	38.0	40.7	42.1	42.4	42.4	42.8	42.9	42.9	42.9	42.9	43.0	43.2	43.2	43.2	43.2
GE 12000	1	6.0	39.6	44.2	47.2	48.7	49.2	49.2	49.5	49.7	49.7	49.7	49.7	49.8	50.0	50.0	50.0	50.0
GE 10000	1	6.0	43.9	49.3	52.9	54.5	55.0	55.0	55.4	55.5	55.5	55.5	55.5	55.6	55.8	55.8	55.8	55.8
GE 9000	1	6.0	48.1	53.6	57.2	58.8	59.4	59.4	59.7	59.9	59.9	59.9	59.9	60.0	60.2	60.2	60.2	60.2
GE 8000	1	6.0	48.5	54.0	57.8	59.4	60.0	60.0	60.3	60.4	60.4	60.4	60.4	60.6	60.8	60.8	60.8	60.8
GE 7000	1	6.0	48.5	54.0	57.8	59.4	60.0	60.0	60.3	60.4	60.4	60.4	60.4	60.6	60.8	60.8	60.8	60.8
GE 6000	1	6.0	48.5	54.0	57.8	59.4	60.0	60.0	60.3	60.4	60.4	60.4	60.4	60.6	60.8	60.8	60.8	60.8
GE 5000	1	6.0	76.7	82.2	86.0	87.6	88.2	88.2	88.5	88.6	88.6	88.6	88.6	88.8	89.0	89.0	89.0	89.0
GE 4500	1	6.0	76.8	82.5	86.2	87.8	88.4	88.4	88.8	88.9	88.9	88.9	88.9	89.1	89.2	89.2	89.2	89.2
GE 4000	1	6.4	79.7	85.7	89.8	91.4	92.0	92.0	92.3	92.4	92.4	92.4	92.4	92.5	92.8	92.8	92.8	92.8
GE 3500	1	6.4	81.3	87.4	91.6	93.2	93.8	93.8	94.2	94.3	94.3	94.3	94.3	94.4	94.6	94.6	94.6	94.6
GE 3000	1	6.7	83.6	90.0	94.4	96.0	96.6	96.6	96.9	97.0	97.0	97.0	97.0	97.1	97.4	97.4	97.4	97.4
GE 2500	1	6.7	83.9	90.7	95.4	97.0	97.7	97.7	98.1	98.3	98.3	98.3	98.3	98.4	98.6	98.6	98.6	98.6
GE 2000	1	6.7	84.1	90.8	95.5	97.1	97.8	97.8	98.2	98.4	98.4	98.4	98.4	98.5	98.7	98.7	98.7	98.7
GE 1800	1	6.7	84.1	90.8	95.5	97.1	97.8	97.8	98.2	98.4	98.4	98.4	98.4	98.5	98.7	98.7	98.7	98.7
GE 1500	1	6.7	84.4	91.5	96.2	97.8	98.5	98.5	98.9	99.1	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4
GE 1000	1	6.7	84.4	91.5	96.2	97.8	98.5	98.5	98.9	99.1	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4
GE 900	1	6.7	84.4	91.5	96.2	97.8	98.5	98.5	98.9	99.1	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4
GE 800	1	6.7	84.5	91.6	96.3	98.1	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8
GE 700	1	6.7	84.5	91.6	96.3	98.1	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8
GE 600	1	6.7	84.5	91.6	96.3	98.1	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8
GE 500	1	6.7	84.5	91.6	96.3	98.1	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8
GE 400	1	6.7	84.6	91.7	96.4	98.2	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 300	1	6.7	84.6	91.7	96.4	98.2	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 200	1	6.7	84.6	91.7	96.4	98.2	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 100	1	6.7	84.6	91.7	96.4	98.2	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE	1	6.7	84.6	91.7	96.4	98.2	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 872

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16716C STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN FEET		GE 100	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL		5.1	32.8	36.9	39.2	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	
GE 20000	6.1	41.8	46.3	48.8	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	
GE 18000	6.1	42.3	47.0	49.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	
GE 16000	6.1	42.5	47.1	49.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	
GE 14000	6.1	42.7	47.3	50.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	
GE 12000	7.6	47.8	52.8	55.8	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	
GE 10000	7.7	50.6	56.1	59.6	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	
GE 9000	7.8	52.8	58.3	62.0	63.3	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	
GE 8000	7.8	54.4	59.9	63.8	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
GE 7000	7.8	54.5	60.0	63.9	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	
GE 6000	7.8	54.5	60.0	63.9	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	
GE 5000	7.8	77.6	83.2	87.1	88.5	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	
GE 4500	7.8	78.1	83.7	87.5	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	
GE 4000	8.3	82.0	87.6	91.6	93.1	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	
GE 3500	8.4	93.5	89.6	93.5	95.0	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
GE 3000	8.5	85.1	91.3	95.3	97.0	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
GE 2500	8.5	85.6	91.9	96.0	97.7	97.8	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 2000	8.5	85.8	92.2	96.4	98.1	98.2	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 1800	8.5	85.8	92.2	96.4	98.1	98.2	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 1500	8.5	85.8	92.2	96.4	98.2	98.3	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
GE 1200	8.5	86.4	92.8	97.0	99.0	99.1	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 1000	8.5	86.4	92.8	97.0	99.0	99.1	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 900	8.5	86.4	92.8	97.0	99.0	99.1	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 800	8.5	86.5	93.0	97.2	99.1	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 600	8.5	86.5	93.0	97.2	99.1	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 500	8.5	86.6	93.1	97.3	99.2	99.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 400	8.5	86.6	93.1	97.3	99.2	99.3	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
GE 300	8.5	86.6	93.1	97.3	99.2	99.3	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
GE 200	8.5	86.6	93.1	97.3	99.2	99.3	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
GE 100	8.5	86.6	93.1	97.3	99.2	99.3	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
GE 0	8.5	86.6	93.1	97.3	99.2	99.3	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 981

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GE 100	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	6.6	42.6	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 20000	1	7.4	51.9	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 18000	1	7.4	52.9	54.1	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 16000	1	7.6	53.4	54.5	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 14000	1	7.6	53.4	54.5	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 12000	1	9.4	59.8	61.4	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 10000	1	9.6	63.2	65.1	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 9000	1	9.6	64.7	66.6	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 8000	1	9.7	65.5	67.6	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 7000	1	9.7	65.5	67.6	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	1	9.7	65.6	67.7	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 5000	1	9.7	82.4	84.4	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4500	1	9.7	82.9	85.0	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4000	1	10.2	88.2	90.4	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3500	1	10.2	91.6	93.8	94.5	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3000	1	10.2	93.5	96.1	96.8	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	1	10.2	94.3	97.0	97.8	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2000	1	10.2	94.4	97.1	98.3	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	1	10.2	94.4	97.3	98.5	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	1	10.2	94.5	97.4	98.6	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	1	10.2	94.6	97.5	98.9	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	1	10.2	94.6	97.5	98.9	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	1	10.2	94.6	97.5	98.9	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	1	10.2	94.6	97.5	98.9	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	1	10.2	94.6	97.5	98.9	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	1	10.2	94.6	97.5	98.9	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	1	10.2	94.6	97.5	98.9	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	1	10.2	94.6	97.5	98.9	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	1	10.2	94.6	97.5	98.9	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	1	10.2	94.6	97.5	98.9	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	1	10.2	94.6	97.5	98.9	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	1	10.2	94.6	97.5	98.9	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 973

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON APS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: APR

HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	5.6	43.6	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 20000	6.2	51.3	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 18000	6.2	52.4	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 16000	6.2	53.1	53.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 14000	6.2	53.2	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 12000	7.9	59.9	60.4	60.6	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 10000	8.1	64.4	65.0	65.2	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 9000	8.1	66.3	67.0	67.5	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 8000	8.1	67.4	68.0	68.5	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 7000	8.1	67.4	68.0	68.5	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 6000	9.1	67.4	68.0	68.5	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 5000	8.1	83.3	84.0	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4000	8.1	83.6	84.2	84.7	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	8.8	90.0	90.6	91.2	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	9.0	93.2	94.2	95.1	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	9.0	95.1	96.2	97.1	97.8	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	9.1	96.5	97.6	98.7	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	9.1	96.6	97.7	99.0	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	9.1	96.6	97.7	99.0	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1600	9.1	96.6	97.7	99.0	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1400	9.1	96.6	97.7	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	9.1	96.6	97.7	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	9.1	96.6	97.7	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	9.1	96.6	97.7	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	9.1	96.6	97.7	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	9.1	96.6	97.7	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	9.1	96.6	97.7	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	9.1	96.6	97.7	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	9.1	96.6	97.7	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	9.1	96.6	97.7	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	9.1	96.6	97.7	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	9.1	96.6	97.7	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	9.1	96.6	97.7	99.1	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: WELFNTKDN ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: APR HOURS(IST): 1800-2400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	4.7	34.9	35.3	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 20000	5.0	41.6	42.0	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 18000	5.0	42.1	42.6	43.1	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 16000	5.0	42.4	42.8	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 14000	5.0	42.5	42.9	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 12000	6.4	50.7	51.1	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9
GE 10000	6.5	55.7	56.2	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3
GE 9000	6.5	58.7	59.2	60.1	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4
GE 8000	6.5	59.7	60.3	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6
GE 7000	6.5	59.8	60.4	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7
GE 6000	6.5	59.8	60.4	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7
GE 5000	6.5	82.6	83.1	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
GE 4500	6.5	82.9	83.5	84.7	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
GE 4000	7.2	89.3	90.4	91.8	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1
GE 3500	7.2	92.0	93.5	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2
GE 3000	7.3	94.4	96.5	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 2500	7.3	95.2	97.4	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 2200	7.3	95.3	97.5	99.3	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 1800	7.3	95.3	97.5	99.3	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 1500	7.3	95.3	97.5	99.3	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 1200	7.3	95.6	97.7	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 1000	7.3	95.6	97.7	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 900	7.3	95.6	97.7	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 800	7.3	95.6	97.7	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 700	7.3	95.6	97.7	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 600	7.3	95.6	97.7	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 500	7.3	95.6	97.7	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 400	7.3	95.6	97.7	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	7.3	95.6	97.7	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	7.3	95.6	97.7	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	7.3	95.6	97.7	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	7.3	95.6	97.7	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	3.9	34.7	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 20000	4.0	38.9	39.2	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 18000	4.0	39.6	39.9	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 16000	4.0	39.6	39.9	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 14000	4.0	39.7	40.0	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 12000	4.6	44.6	45.0	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 10000	4.6	49.9	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 9000	4.6	51.0	51.7	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 8000	4.7	51.7	52.4	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 7000	4.7	51.7	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 6000	4.7	51.7	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 5000	4.7	83.6	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	4.7	83.6	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4000	5.0	89.9	90.7	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3500	5.0	93.2	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3000	5.0	95.5	96.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2500	5.1	96.6	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2000	5.1	96.7	97.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	5.1	96.7	97.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	5.1	96.7	97.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	5.1	97.3	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	5.1	97.3	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	5.1	97.3	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	5.1	97.3	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	5.1	97.3	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	5.1	97.3	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	5.1	97.3	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	5.1	97.3	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	5.1	97.3	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	5.1	97.3	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	5.1	97.3	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE CL	5.1	97.3	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 874

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): ALL

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	4.4	34.9	36.3	37.1	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5
GE 20000	4.8	41.2	42.8	43.8	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3
GE 18000	4.8	41.7	43.4	44.4	44.7	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 16000	4.9	42.0	43.7	44.6	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2
GE 14000	4.9	42.1	43.8	44.8	45.1	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 12000	6.0	48.1	49.9	51.0	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7
GE 10000	6.1	52.6	54.7	56.0	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8
GE 9000	6.1	55.0	57.2	58.6	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3
GE 8000	6.1	55.8	58.0	59.4	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2
GE 7000	6.1	55.8	58.0	59.5	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2
GE 6000	6.1	55.8	58.0	59.5	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 5000	6.1	82.2	84.4	85.8	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6
GE 4500	6.1	82.4	84.6	86.1	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9
GE 4000	6.6	87.3	89.7	91.3	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2
GE 3500	6.6	89.9	92.5	94.2	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1
GE 3000	6.7	92.1	95.0	96.9	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
GE 2500	6.7	92.9	95.9	97.9	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
GE 2000	6.7	93.0	96.1	98.2	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
GE 1800	6.7	93.0	96.1	98.2	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
GE 1500	6.7	93.0	96.1	98.3	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE 1200	6.7	93.3	96.5	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 1000	6.7	93.3	96.5	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 900	6.7	93.3	96.5	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 800	6.7	93.3	96.5	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 700	6.7	93.3	96.5	98.7	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 600	6.7	93.3	96.5	98.7	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 500	6.7	93.3	96.6	98.7	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	6.7	93.3	96.6	98.8	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	6.7	93.3	96.6	98.8	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	6.7	93.3	96.6	98.8	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	6.7	93.3	96.6	98.8	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 0	6.7	93.3	96.6	98.8	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 707

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0000-0200

CEILING IN FEET	GT 160	GE 9C	GE 8U	GE 6U	GE 48	GE 4C	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	4.1	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 20000	4.2	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 18000	4.2	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 16000	4.2	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 14000	4.2	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 12000	4.4	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 10000	4.4	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 9000	4.4	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 8000	4.4	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 7000	4.4	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 6000	4.4	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 5000	4.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 4500	4.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 4000	4.4	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 3500	4.4	97.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 3000	4.4	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500	4.4	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	4.4	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	4.4	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	4.4	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	4.4	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	4.4	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	4.4	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	4.4	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	4.4	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	4.4	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	4.4	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	4.4	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	4.4	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	4.4	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	4.4	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	4.4	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 9.1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	0
NO CEIL	3.5	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 20000	3.7	35.7	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 18000	3.7	36.1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 16000	3.7	36.1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 14000	3.7	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 12000	4.3	41.1	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 10000	4.3	46.4	46.7	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 9000	4.3	48.6	48.9	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 8000	4.3	49.6	50.0	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 7000	4.3	49.6	50.0	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 6000	4.3	49.6	50.0	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 5000	4.3	93.6	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 4500	4.3	93.6	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 4000	4.3	96.1	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3500	4.3	97.8	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3000	4.3	98.1	98.7	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2500	4.3	98.4	98.9	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	4.3	98.5	99.0	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	4.3	98.5	99.0	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1600	4.3	98.6	99.1	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1400	4.3	98.6	99.1	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	4.3	98.7	99.2	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	4.3	98.7	99.2	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	4.3	98.7	99.2	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	4.3	98.7	99.2	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	4.3	98.7	99.2	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	4.3	98.7	99.2	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	4.3	98.7	99.2	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	4.3	98.7	99.2	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	4.3	98.7	99.2	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	4.3	98.7	99.2	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	4.3	98.7	99.2	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	4.3	98.7	99.2	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0600-0630

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	
NO CEIL	5.0	29.8	34.8	35.6	35.6	35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	
GE 20000	6.0	35.4	40.9	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	
GE 18000	6.0	36.2	41.8	43.5	43.5	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	
GE 16000	6.0	36.3	41.9	43.6	43.6	43.6	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	
GE 14000	6.0	36.6	42.2	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	
GE 12000	6.3	40.9	46.8	48.8	48.8	48.8	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	
GE 10000	6.3	46.3	52.4	54.4	54.4	54.4	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	
GE 9000	6.3	49.9	56.8	58.9	58.9	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	
GE 8000	6.4	50.8	57.7	59.9	59.9	59.9	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	
GE 7000	6.4	50.9	57.8	60.0	60.1	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	
GE 6000	6.4	50.9	57.8	60.0	60.1	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	
GE 5000	6.4	86.5	93.4	95.6	95.7	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
GE 4500	6.4	86.5	93.4	95.6	95.7	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
GE 4000	6.4	87.8	94.7	96.9	97.0	97.0	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
GE 3500	6.4	88.6	95.5	97.7	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 3000	6.4	89.1	96.2	98.4	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 2500	6.4	89.3	96.3	98.5	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
GE 2000	6.4	89.6	96.7	98.9	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1800	6.4	89.6	96.7	98.9	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1500	6.4	89.6	96.7	98.9	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1200	6.4	89.7	96.8	99.3	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1000	6.4	89.7	96.8	99.3	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 900	6.4	89.7	96.8	99.3	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800	6.4	89.7	96.8	99.3	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	6.4	89.7	96.8	99.3	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	6.4	89.7	96.8	99.3	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	6.4	89.7	96.8	99.3	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	6.4	89.7	96.8	99.3	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	6.4	89.7	96.8	99.3	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	6.4	89.7	96.8	99.3	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	6.4	89.7	96.8	99.3	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	6.4	89.7	96.8	99.3	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	I	6.8	40.5	42.1	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5
GE 20000	I	7.3	46.6	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8
GE 18000	I	7.3	47.1	50.1	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6
GE 16000	I	7.3	47.1	50.1	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6
GE 14000	I	7.3	47.1	50.1	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6
GE 12000	I	7.7	51.1	54.7	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4
GE 10000	I	7.7	56.2	60.1	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7
GE 9000	I	7.7	58.1	62.6	62.9	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5
GE 8000	I	7.7	58.7	63.4	63.8	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4
GE 7000	I	7.7	58.7	63.4	63.8	64.1	64.3	64.3	64.4	64.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6
GE 6000	I	7.7	58.7	63.4	63.8	64.1	64.3	64.3	64.4	64.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6
GE 5000	I	7.7	90.7	95.4	95.9	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6
GE 4500	I	7.7	91.1	95.7	96.2	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9
GE 4000	I	7.9	91.9	96.6	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8
GE 3500	I	7.9	92.6	97.4	97.8	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
GE 3000	I	7.9	93.2	98.0	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
GE 2500	I	7.9	93.7	98.5	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 2000	I	7.9	93.7	98.5	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 1800	I	7.9	93.7	98.5	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 1500	I	7.9	93.7	98.5	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 1200	I	7.9	93.7	98.6	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 1000	I	7.9	93.7	98.6	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 900	I	7.9	93.7	98.6	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 800	I	7.9	93.7	98.6	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 700	I	7.9	93.7	98.6	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 600	I	7.9	93.7	98.6	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 500	I	7.9	93.7	98.6	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 400	I	7.9	93.7	98.6	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	I	7.9	93.7	98.6	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	I	7.9	93.7	98.6	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	I	7.9	93.7	98.6	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 0	I	7.9	93.7	98.6	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: MELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(EST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	16	10	8	6	4	3	2	2	2	2	2	2	2	1	1	1
FEET	16	10	8	6	4	3	2	2	2	2	2	2	2	1	1	1	1
NO CEIL	7.8	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7
GE 2000	8.4	58.9	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8
GE 1800	8.4	59.3	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
GE 1600	8.4	59.3	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
GE 1400	8.4	59.3	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
GE 1200	8.9	63.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1
GE 1000	9.0	68.9	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4
GE 900	9.1	70.8	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8
GE 800	9.1	71.2	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6
GE 700	9.1	71.2	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6
GE 600	9.1	71.2	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6
GE 500	9.1	89.9	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
GE 450	9.1	90.1	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
GE 400	9.4	92.6	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
GE 350	9.6	94.1	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
GE 300	9.6	95.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 250	9.9	97.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	9.9	97.1	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 180	9.9	97.1	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 150	9.9	97.1	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 120	9.9	97.2	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	9.9	97.2	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 80	9.9	97.2	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 60	9.9	97.2	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 40	9.9	97.2	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 30	9.9	97.2	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 20	9.9	97.2	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 10	9.9	97.2	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	9.9	97.2	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 939

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CEIL	5.7	46.9	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 20000	6.7	56.4	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 18000	6.8	56.5	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 16000	6.8	56.6	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 14000	6.9	56.6	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 12000	7.9	60.9	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 10000	8.1	65.5	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 9000	8.1	67.5	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 8000	8.1	68.1	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 7000	8.2	68.2	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 6000	8.2	68.2	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 5000	8.3	89.1	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4500	8.3	89.4	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4000	9.1	92.3	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3500	9.1	95.4	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3000	9.1	96.6	97.5	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500	9.1	97.8	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	9.1	97.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	9.1	97.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	9.1	97.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	9.2	97.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	9.2	97.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	9.2	97.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	9.2	97.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	9.2	97.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	9.2	97.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	9.2	97.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	9.2	97.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	9.2	97.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	9.2	97.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	9.2	97.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	9.2	97.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 906

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON AFB/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS (LST): 1800-2100

CEILING IN FEET	GT	VISIBILITY IN HUNDREDS OF METERS														
		160	180	200	240	280	320	360	400	480	560	640	720	800	900	1000
NO CEIL	7.3	37.5	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 2000	8.0	45.9	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 1800	8.0	46.8	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 1600	8.0	46.9	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 1400	8.0	46.9	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 1200	8.9	51.0	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GF 1000	8.9	56.3	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 900	9.0	58.5	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 800	9.0	59.2	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 700	9.0	59.3	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 600	9.0	59.3	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 500	9.0	93.2	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 400	9.0	93.3	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 300	9.2	95.8	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 250	9.2	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	9.2	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 150	9.2	98.7	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	9.2	98.7	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 80	9.2	98.7	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	9.2	98.7	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	9.2	98.7	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	9.2	98.7	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	9.2	98.7	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	9.2	98.7	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	9.2	98.7	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS (LST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	1	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	4.6	34.4	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 20000	1	4.7	38.9	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 18000	1	4.7	39.3	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 16000	1	4.7	39.3	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 14000	1	4.7	39.3	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 12000	1	4.7	39.3	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 10000	1	4.7	39.3	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 9000	1	5.7	48.6	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 8000	1	5.7	50.6	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 7000	1	5.7	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 6000	1	5.7	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 5000	1	5.7	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 4500	1	5.7	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 4000	1	5.7	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3500	1	5.7	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 3000	1	5.7	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2500	1	5.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	1	5.7	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	1	5.7	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1600	1	5.7	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1400	1	5.7	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	1	5.7	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	1	5.7	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	1	5.7	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	1	5.7	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	1	5.7	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	1	5.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	1	5.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1	5.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1	5.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	5.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	5.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	1	5.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 97

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: MAY HOURS(LST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN FEET		160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	
NO CEIL	1	5.6	38.0	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.3	39.3	
GE 20000	1	6.1	44.2	45.5	45.8	45.8	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	
GE 18000	1	6.1	44.6	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	
GE 16000	1	6.1	44.7	46.0	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	
GE 14000	1	6.1	44.7	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	
GE 12000	1	6.7	49.0	50.5	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	
GE 10000	1	6.8	54.0	55.6	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	
GE 9000	1	6.8	56.2	58.1	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	
GE 8000	1	6.8	57.0	58.9	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	
GE 7000	1	6.8	57.0	58.9	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	
GE 6000	1	6.8	57.0	58.9	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	
GE 5000	1	6.9	91.5	93.4	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
GE 4500	1	6.9	91.6	93.6	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 4000	1	7.0	93.8	95.7	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
GE 3500	1	7.1	95.3	97.3	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	
GE 3000	1	7.1	96.1	98.2	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 2500	1	7.1	96.6	98.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 2000	1	7.1	96.7	98.9	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 1800	1	7.1	96.7	98.9	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 1500	1	7.1	96.7	98.9	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 1200	1	7.1	96.8	98.9	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 1000	1	7.1	96.8	98.9	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 900	1	7.1	96.8	98.9	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 800	1	7.1	96.8	98.9	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 700	1	7.1	96.8	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
GE 600	1	7.1	96.8	99.0	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	1	7.1	96.8	99.0	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	1	7.1	96.8	99.0	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	1	7.1	96.8	99.0	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	1	7.1	96.8	99.0	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	1	7.1	96.8	99.0	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 7269

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 0000-0.00

CEILING IN FEET	I	VISIBILITY IN HUNDREDS OF METERS															
		GT 100	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	5.4	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 20000	1	5.4	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 18000	1	5.4	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 16000	1	5.4	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 14000	1	5.4	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 12000	1	5.4	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 10000	1	5.4	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 9000	1	5.5	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 8000	1	5.5	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 7000	1	5.5	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 6000	1	5.5	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 5000	1	5.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 4500	1	5.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 4000	1	5.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3500	1	5.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3000	1	5.5	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2500	1	5.5	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000	1	5.5	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	1	5.5	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	1	5.5	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	1	5.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	1	5.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	1	5.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	1	5.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	1	5.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	1	5.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	1	5.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1	5.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1	5.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	5.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	5.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	1	5.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 872

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: JUN HOURS(IST): 0300-0500

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	5.5	35.7	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 20000	5.5	36.9	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 18000	5.5	36.9	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 16000	5.5	36.9	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 14000	5.5	36.9	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 12000	5.5	38.4	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 10000	5.5	40.7	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 9000	5.6	41.5	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 8000	5.6	41.8	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 7000	5.6	41.8	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 6000	5.6	41.8	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 5000	5.6	97.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 4500	5.6	97.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 4000	5.6	97.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3500	5.6	97.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3000	5.6	97.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500	5.6	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	5.6	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	5.6	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	5.6	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	5.6	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	5.6	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	5.6	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	5.6	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	5.6	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	5.6	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	5.6	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	5.6	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	5.6	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	5.6	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	5.6	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	5.6	98.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 869

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): 0600-0600

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	7.5	37.0	41.2	42.0	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 20000	7.5	38.3	42.7	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 18000	7.6	38.4	42.8	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 16000	7.6	38.4	42.8	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 14000	7.6	38.6	43.1	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 12000	8.0	40.0	44.5	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 10000	8.0	42.5	47.0	47.6	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 9000	8.0	43.5	48.5	49.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 8000	8.0	43.6	48.6	49.5	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 7000	8.0	43.6	48.6	49.5	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 6000	8.0	43.6	48.6	49.5	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 5000	8.0	91.7	96.7	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 4500	8.0	91.7	96.7	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 4000	8.2	92.4	97.4	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3500	8.2	92.7	97.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3000	8.2	93.2	98.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2500	8.2	93.3	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	8.2	93.3	98.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	8.2	93.3	98.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	8.2	93.3	98.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	8.2	93.3	98.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	8.2	93.3	98.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	8.2	93.3	98.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	8.2	93.3	98.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	8.2	93.3	98.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	8.2	93.3	98.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	8.2	93.3	98.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	8.2	93.3	98.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	8.2	93.3	98.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	8.2	93.3	98.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	8.2	93.3	98.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	8.2	93.3	98.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	9.9	45.7	46.5	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	
GE 20000	10.2	48.3	49.4	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	
GE 18000	10.2	48.6	49.6	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	
GE 16000	10.2	48.6	49.6	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	
GE 14000	10.2	48.6	49.6	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	
GE 12000	10.7	50.7	51.8	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	
GE 10000	10.7	52.7	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
GE 9000	10.7	53.2	54.2	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	
GE 8000	10.7	53.3	54.3	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	
GE 7000	10.7	53.3	54.3	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	
GE 6000	10.7	53.3	54.3	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	
GE 5000	10.7	95.6	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 4500	10.7	95.6	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 4000	11.0	96.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GE 3500	11.0	97.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 3000	11.0	97.4	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 2500	11.0	97.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 2000	11.0	97.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 1800	11.0	97.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 1500	11.0	97.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 1200	11.0	97.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 1000	11.0	97.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 900	11.0	97.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 800	11.0	97.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 700	11.0	97.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 600	11.0	97.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 500	11.0	97.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 400	11.0	97.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 300	11.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	11.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	11.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	11.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 971

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: JUN HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	11.1	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 20000	11.3	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 18000	11.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 16000	11.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 14000	11.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 12000	11.6	69.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 10000	11.7	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 9000	11.9	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 8000	11.9	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 7000	11.9	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 6000	11.9	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 5000	11.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4500	11.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4000	12.0	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8
GE 3500	12.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 3000	12.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 2500	12.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	12.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	12.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	12.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	12.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	12.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	12.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	12.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	12.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	12.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	12.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	12.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	12.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	12.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	12.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	12.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 877

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	10.7	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 2000	10.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 1800	10.7	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 1600	10.7	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 1400	10.7	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 1200	11.1	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 1000	11.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 900	11.1	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 800	11.1	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 700	11.1	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 600	11.1	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 500	11.1	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 450	11.1	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 400	11.1	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 350	11.1	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	11.1	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 250	11.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	11.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 180	11.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 150	11.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 120	11.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	11.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	11.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	11.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	11.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	11.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	11.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	11.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	11.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	11.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 867

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	9.7	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 20000	9.9	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 18000	9.9	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 16000	9.9	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 14000	9.9	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 12000	9.9	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 10000	10.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 9000	10.0	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 8000	10.1	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 7000	10.1	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 6000	10.1	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 5000	10.1	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 4500	10.1	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 4000	10.1	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3500	10.3	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 3000	10.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2500	10.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	10.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	10.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	10.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	10.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	10.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	10.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	10.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	10.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	10.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	10.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	10.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	10.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	10.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	10.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	10.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 868

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CEIL	7.0	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 2000	7.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 1800	7.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 1600	7.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 1400	7.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 1200	7.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 1000	7.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 900	7.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 800	7.3	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 700	7.3	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 600	7.3	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 500	7.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 450	7.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	7.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 350	7.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	7.3	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 250	7.3	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	7.3	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	7.3	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150	7.3	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	7.3	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	7.3	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	7.3	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	7.3	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	7.3	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	7.3	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	7.3	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	7.3	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	7.3	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	7.3	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	7.3	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5	7.3	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2	7.3	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 873

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: JUN HOURS (LST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS																
IN FEET		GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL	1	8.3	45.5	46.3	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	
GE 20000		8.4	48.0	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
GE 18000		8.5	48.2	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	
GE 16000		8.5	48.2	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	
GE 14000		8.5	48.2	49.1	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	
GE 12000		8.7	49.8	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	
GE 10000		8.7	51.6	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
GE 9000		8.8	52.7	53.7	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
GE 8000		8.8	52.9	53.9	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	
GE 7000		8.8	52.9	53.9	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	
GE 6000		8.8	52.9	53.9	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	
GE 5000		8.8	96.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
GE 4500		8.8	96.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
GE 4000		8.9	96.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 3500		8.9	97.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 3000		8.9	98.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE 2500		8.9	98.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 2000		8.9	98.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 1800		8.9	98.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 1500		8.9	98.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 1200		8.9	98.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1000		8.9	98.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 900		8.9	98.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800		8.9	98.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700		8.9	98.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600		8.9	98.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500		8.9	98.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400		8.9	98.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300		8.9	98.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200		8.9	98.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100		8.9	98.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0		8.9	98.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 6975

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0000-0-59

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	3.0	34.6	34.7	34.9	34.9	34.9	34.9	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 20000	1	3.0	34.6	35.1	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 18000	1	3.0	34.8	35.1	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 16000	1	3.0	34.8	35.1	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 14000	1	3.0	34.8	35.1	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 12000	1	3.0	35.5	35.7	35.9	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 10000	1	3.0	36.8	37.0	37.3	37.3	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 9000	1	3.0	37.3	37.5	37.7	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 8000	1	3.0	37.4	37.6	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 7000	1	3.0	37.4	37.6	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 6000	1	3.0	37.4	37.6	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 5000	1	3.0	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 4500	1	3.0	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 4000	1	3.0	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 3500	1	3.0	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3000	1	3.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	1	3.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	1	3.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	1	3.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	1	3.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	1	3.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	1	3.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	1	3.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	1	3.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	1	3.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	1	3.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	1	3.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1	3.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1	3.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	3.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	3.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0	3.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	2.5	35.0	35.4	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 20000	1	2.5	35.0	35.5	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 18000	1	2.5	35.0	35.5	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 16000	1	2.5	35.0	35.5	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 14000	1	2.5	35.0	35.5	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 12000	1	2.5	35.7	36.1	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 10000	1	2.5	37.2	37.7	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	39.2	38.2
GE 9000	1	2.5	37.7	38.1	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 8000	1	2.5	38.2	38.7	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 7000	1	2.5	38.2	38.7	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 6000	1	2.5	38.2	38.7	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 5000	1	2.5	98.2	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 4500	1	2.5	98.2	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 4000	1	2.5	98.9	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3500	1	2.5	98.9	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3000	1	2.5	98.9	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500	1	2.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	1	2.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	1	2.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	1	2.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	1	2.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	1	2.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	1	2.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	1	2.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	1	2.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	1	2.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	1	2.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1	2.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1	2.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	2.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	2.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	7	2.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 16716C STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: JUL HOURS (LST): 0600-0600

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	4.1	38.3	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 2000	4.1	38.4	42.8	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 1800	4.1	38.4	42.8	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 1600	4.1	38.4	42.8	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 1400	4.1	38.4	42.8	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 1200	4.3	39.1	43.7	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 1000	4.3	40.0	44.7	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 900	4.3	40.7	45.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 800	4.3	41.2	46.1	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 700	4.3	41.2	46.1	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 600	4.3	41.2	46.1	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 500	4.3	91.8	96.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 450	4.3	91.8	96.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	4.3	92.7	97.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 350	4.3	92.8	97.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	4.3	92.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 250	4.3	92.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	4.3	92.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 180	4.3	92.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 160	4.3	92.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 140	4.3	92.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 120	4.3	92.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	4.3	92.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 90	4.3	92.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 80	4.3	92.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 70	4.3	93.1	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	4.3	93.1	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	4.3	93.1	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	4.3	93.1	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	4.3	93.1	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	4.3	93.1	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	4.3	93.1	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	4.3	93.1	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
NO CEIL	1	4.4	49.2	50.2	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8
GE 20000	1	4.4	49.6	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1
GE 18000	1	4.4	49.8	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3
GE 16000	1	4.4	49.8	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3
GE 14000	1	4.4	49.8	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3
GE 12000	1	4.4	50.4	51.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0
GE 10000	1	4.5	51.0	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.7	52.7	52.7	52.7
GE 9000	1	4.5	51.4	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
GE 8000	1	4.5	51.8	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4
GE 7000	1	4.5	51.8	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4
GE 6000	1	4.5	51.8	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4
GE 5000	1	4.6	96.3	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 4500	1	4.6	96.3	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 4000	1	4.8	97.6	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 3500	1	4.8	98.0	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 3000	1	4.8	98.0	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 2500	1	4.8	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 2000	1	4.8	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 1800	1	4.8	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 1600	1	4.8	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 1400	1	4.8	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 1200	1	4.8	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 1000	1	4.8	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 900	1	4.8	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	1	4.8	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	1	4.8	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	1	4.8	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	1	4.8	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	1	4.8	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	1	4.8	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	1	4.8	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	1	4.8	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	0	4.8	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 904

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16716C STATION NAME: HELLENIXON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
NO CEIL	1	4.9	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.9
GE 2000	1	4.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.3	65.3	65.3	65.3	65.4
GE 1800	1	4.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.3	65.3	65.3	65.3	65.4
GE 1600	1	4.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.3	65.3	65.3	65.3	65.4
GE 1400	1	4.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.3	65.3	65.3	65.3	65.4
GE 1200	1	5.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.5
GE 1000	1	5.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.6
GE 900	1	5.1	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.9
GE 800	1	5.1	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4	68.4	68.4	68.5
GE 700	1	5.1	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4	68.4	68.4	68.5
GE 600	1	5.1	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4	68.4	68.4	68.5
GE 500	1	5.1	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.4
GE 450	1	5.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.6
GE 400	1	5.1	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.1
GE 350	1	5.1	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.2
GE 300	1	5.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.8
GE 250	1	5.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.8
GE 200	1	5.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.8
GE 180	1	5.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.8
GE 150	1	5.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.8
GE 120	1	5.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.8
GE 100	1	5.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.8
GE 90	1	5.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.8
GE 80	1	5.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.8
GE 60	1	5.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.8
GE 50	1	5.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.8
GE 40	1	5.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.8
GE 30	1	5.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.8
GE 20	1	5.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.8
GE 10	1	5.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.8
GE 0	1	5.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS: 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 1500-1700

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	VISIBILITY IN HUNDREDS OF METERS										GE 4	GE 0
							GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0		
NO CEIL	5.5	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 20000	5.5	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 18000	5.5	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 16000	5.5	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 14000	5.5	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	5.6	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	5.6	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 9000	5.6	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 8000	5.6	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 7000	5.6	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 6000	5.6	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 5000	5.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 4500	5.6	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 4000	5.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3500	5.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 3000	5.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500	5.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	5.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	5.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	5.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	5.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	5.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	5.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	5.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	5.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	5.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	5.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	5.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	5.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	5.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	5.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	5.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 906

AD-A190 724

HELLENIKON ABS ATHENS GREECE LIMITED SURFACE
OBSERVATIONS CLIMATIC SUMMAR (U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER
MAR 88 USAFETAC/DS-88/014

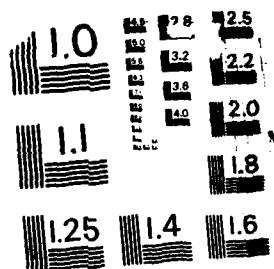
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/AT-ENS GR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 1800-2000

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	4.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 20000	4.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 18000	4.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 16000	4.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 14000	4.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 12000	4.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 10000	4.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 9000	4.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 8000	4.9	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 7000	4.9	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 6000	4.9	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 5700	4.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 4500	4.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 4000	4.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 3500	4.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3000	4.9	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500	4.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	4.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	4.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	4.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	4.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	4.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	4.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	4.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	4.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	4.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	4.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	4.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	4.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	4.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	4.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	4.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
LSAFETYAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	3.4	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 20000	3.4	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 18000	3.4	38.3	38.6	38.6	38.6	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 16000	3.4	38.3	38.6	38.6	38.6	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 14000	3.4	38.3	38.6	38.6	38.6	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 12000	3.4	39.0	39.3	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 10000	3.4	39.8	40.2	40.2	40.2	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 9000	3.4	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 8000	3.4	40.5	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 7000	3.4	40.5	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 6000	3.4	40.5	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 5000	3.4	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 4500	3.4	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 4000	3.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3500	3.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 3000	3.4	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2500	3.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	3.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	3.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	3.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	3.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	3.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	3.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	3.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	3.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	3.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	3.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	3.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	3.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	3.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	3.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	3.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	4.1	46.8	47.6	47.9	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 2000	4.1	47.1	48.0	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 1800	4.1	47.2	48.0	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5
GE 1600	4.1	47.2	48.0	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5
GE 1400	4.1	47.2	48.0	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5
GE 1200	4.1	48.0	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3
GE 1000	4.2	48.9	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3
GE 900	4.2	49.4	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8
GE 800	4.2	49.8	50.7	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 700	4.2	49.8	50.7	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 600	4.2	49.8	50.7	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 500	4.2	96.8	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 450	4.2	96.9	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 400	4.2	97.8	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 350	4.2	98.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 300	4.2	98.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 250	4.2	98.4	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	4.2	98.4	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 180	4.2	98.4	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 150	4.2	98.4	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 120	4.2	98.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	4.2	98.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 90	4.2	98.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 80	4.2	98.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 70	4.2	98.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 60	4.2	98.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 50	4.2	98.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 40	4.2	98.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 30	4.2	98.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 20	4.2	98.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 10	4.2	98.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	4.2	98.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7270

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 0000-0200

CEILING																	
IN	1	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO	CEIL	1	2.1	35.5	35.8	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.1	36.1
GE	20000	2.1	36.1	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.6	36.6
GE	18000	2.1	36.1	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.6	36.6
GE	16000	2.1	36.1	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.6	36.6
GE	14000	2.1	36.1	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.6	36.6
GE	12000	2.3	37.5	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.1	38.1
GE	10000	2.3	39.3	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8	39.8
GE	9000	2.3	40.2	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.7
GE	8000	2.3	40.2	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.7
GE	7000	2.3	40.2	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.7
GE	6000	2.3	40.2	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.7
GE	5000	2.3	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
GE	4500	2.3	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE	4000	2.5	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE	3500	2.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE	3000	2.5	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE	2500	2.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	2000	2.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	1800	2.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	1600	2.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	1400	2.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	1200	2.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	1000	2.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	900	2.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	800	2.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	700	2.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	600	2.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	500	2.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	400	2.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	300	2.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	200	2.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	100	2.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	0	2.5	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 934

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	2.2	35.4	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4
GE 20000	2.3	35.9	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9
GE 18000	2.3	35.9	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9
GE 16000	2.3	35.9	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9
GE 14000	2.3	35.9	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9
GE 12000	2.7	36.8	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.8
GE 10000	2.7	38.0	38.7	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.0
GE 9000	2.7	39.2	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.2
GE 8000	2.7	39.3	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3
GE 7000	2.7	39.3	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3
GE 6000	2.7	39.3	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3
GE 5000	2.7	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE 4500	2.7	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE 4000	2.7	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 3500	2.7	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 3000	2.7	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 2500	2.7	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 2000	2.7	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 1800	2.7	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 1500	2.7	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 1200	2.7	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 1000	2.7	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 900	2.7	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 800	2.7	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 700	2.7	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 600	2.7	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 500	2.7	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 400	2.7	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	2.7	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	2.7	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	2.7	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	2.7	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16716C STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS (LST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 16C	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		4.2	38.7	41.1	42.0	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 20000		4.2	38.7	41.4	42.3	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 18000		4.2	38.7	41.4	42.3	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 16000		4.2	38.7	41.4	42.3	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 14000		4.2	38.8	41.5	42.4	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 12000		4.5	39.5	42.4	43.3	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 10000		4.5	40.7	43.6	44.5	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 9000		4.5	42.0	44.8	45.7	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 8000		4.5	42.7	45.6	46.5	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 7000		4.5	43.0	45.8	46.7	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 6000		4.5	43.0	45.8	46.7	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 5000		4.5	95.4	98.2	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 4500		4.5	95.4	98.2	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 4000		4.5	95.6	98.5	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 3500		4.6	95.7	98.6	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3000		4.6	95.7	98.6	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500		4.6	95.7	98.6	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000		4.6	95.7	98.6	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800		4.6	95.7	98.6	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1600		4.6	95.7	98.6	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500		4.6	95.7	98.6	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200		4.6	95.7	98.6	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000		4.6	95.7	98.6	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		4.6	95.7	98.6	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		4.6	95.7	98.6	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		4.6	95.7	98.6	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		4.6	95.7	98.6	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		4.6	95.7	98.6	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		4.6	95.7	98.6	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		4.6	95.7	98.6	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		4.6	95.7	98.6	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		4.6	95.7	98.6	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		4.6	95.7	98.6	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 948

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	5.1	50.2	51.6	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 20000	5.2	50.3	51.7	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 18000	5.2	50.3	51.7	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 16000	5.2	50.3	51.7	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 14000	5.2	50.3	51.7	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 12000	5.3	51.3	52.7	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 10000	5.3	51.8	53.3	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 9000	5.3	53.1	54.5	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 8000	5.3	53.6	54.9	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 7000	5.3	53.6	54.9	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 6000	5.3	53.6	54.9	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 5000	5.3	97.2	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 4500	5.3	97.2	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 4000	5.3	97.4	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 3500	5.3	97.6	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3000	5.3	97.6	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500	5.3	97.6	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000	5.3	97.6	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	5.3	97.6	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	5.3	97.6	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	5.3	97.7	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	5.3	97.7	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	5.3	97.7	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	5.3	97.7	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	5.3	97.7	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	5.3	97.7	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	5.3	97.7	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	5.3	97.7	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	5.3	97.7	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	5.3	97.7	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	5.3	97.7	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	5.3	97.7	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	6.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 20000	6.3	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 18000	6.3	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 16000	6.3	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 14000	6.3	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 12000	6.3	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 10000	6.4	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 9000	6.4	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 8000	6.4	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 7000	6.4	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 6000	6.4	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 5000	6.4	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 4500	6.4	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 4000	6.5	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 3500	6.5	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3000	6.5	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500	6.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	6.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	6.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	6.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	6.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	6.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	6.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	6.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	6.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	6.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	6.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	6.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	6.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	6.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	6.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	6.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS (LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	5.6	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 20000	5.6	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 18000	5.6	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 16000	5.6	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 14000	5.6	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	5.6	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 10000	5.8	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 9000	5.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 8000	5.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 7000	5.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	5.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	5.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 4500	5.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 4000	5.8	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3500	5.9	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3000	5.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500	5.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	5.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	5.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	5.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	5.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	5.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	5.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	5.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	5.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	5.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	5.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	5.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	5.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	5.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	5.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	5.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	5.0	41.9	42.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 20000	5.0	43.1	43.2	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 18000	5.0	43.3	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 16000	5.0	43.4	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 14000	5.0	43.4	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 12000	5.1	44.9	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 10000	5.1	45.9	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 9000	5.1	46.5	46.6	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 8000	5.1	46.9	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 7000	5.1	46.9	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 6000	5.1	46.9	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 5000	5.1	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 4500	5.1	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 4000	5.1	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3500	5.1	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3000	5.1	98.3	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2500	5.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000	5.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	5.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	5.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	5.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	5.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	5.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	5.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	5.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	5.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	5.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	5.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	5.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	5.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	5.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	5.1	98.8	99.2	99.3	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS																
	1	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	3.6	39.4	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 20000	1	3.6	40.6	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 18000	1	3.6	40.6	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 16000	1	3.6	40.6	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 14000	1	3.6	40.6	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 12000	1	3.8	41.4	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 10000	1	3.8	42.5	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 9000	1	3.8	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 8000	1	3.8	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 7000	1	3.8	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 6000	1	3.8	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 5000	1	3.8	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 4500	1	3.8	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 4000	1	3.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3500	1	3.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3000	1	3.8	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500	1	3.8	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	1	3.8	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	1	3.8	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	1	3.8	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	1	3.8	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	1	3.8	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	1	3.8	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	1	3.8	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	1	3.8	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	1	3.8	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	1	3.8	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1	3.8	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1	3.8	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	3.8	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	3.8	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	1	3.8	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: AUG HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS																
	1	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	4.3	46.1	46.8	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 20000	4.3	46.7	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 18000	4.3	46.7	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9
GE 16000	4.3	46.7	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.9
GE 14000	4.3	46.7	47.5	47.7	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 12000	4.5	47.8	48.6	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 10000	4.5	48.9	49.7	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 9000	4.5	49.9	50.6	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 8000	4.5	50.1	50.9	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3
GE 7000	4.5	50.1	50.9	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 6000	4.5	50.1	50.9	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 5000	4.5	97.2	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4500	4.5	97.3	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4000	4.5	97.9	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3500	4.6	98.1	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3000	4.6	98.4	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 2500	4.6	98.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000	4.6	98.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	4.6	98.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	4.6	98.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	4.6	98.6	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	4.6	98.6	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	4.6	98.6	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	4.6	98.6	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	4.6	98.6	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	4.6	98.6	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	4.6	98.6	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	4.6	98.6	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	4.6	98.6	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	4.6	98.6	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	4.6	98.6	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	4.6	98.6	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7257

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(IST): 0000-0200

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	3.1	36.0	36.4	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9
GE 20000	3.2	36.7	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.6
GE 18000	3.2	36.7	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.6
GE 16000	3.2	36.7	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.6
GE 14000	3.2	36.7	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.6
GE 12000	3.2	37.9	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.8
GE 10000	3.3	38.6	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.5
GE 9000	3.3	39.4	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3
GE 8000	3.3	39.6	40.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.5
GE 7000	3.3	39.6	40.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.5
GE 6000	3.3	39.6	40.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.5
GE 5000	3.3	96.3	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3
GE 4500	3.3	96.3	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3
GE 4000	3.3	97.5	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 3500	3.3	97.8	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
GE 3000	3.3	98.5	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
GE 2500	3.3	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 2000	3.3	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 1800	3.3	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 1500	3.3	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 1200	3.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 1000	3.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 900	3.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 800	3.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 700	3.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 600	3.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 500	3.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 400	3.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	3.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	3.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	3.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 01	3.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 873

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	2.5	35.3	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 20000	2.5	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 18000	2.5	36.1	36.4	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 16000	2.5	36.1	36.4	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 14000	2.5	36.1	36.4	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 12000	2.5	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 10000	2.5	39.7	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 9000	2.5	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 8000	2.5	40.8	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 7000	2.5	40.8	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 6000	2.5	40.8	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 5000	2.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 4500	2.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 4000	2.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3500	2.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 3000	3.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500	3.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	3.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	3.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	3.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	3.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	3.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	3.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	3.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	3.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	3.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	3.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	3.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	3.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	3.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	3.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	3.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 872

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS (LST): 0600-0630

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	3.2	39.3	42.8	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 20000	3.2	40.6	44.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 18000	3.2	40.8	44.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 16000	3.2	40.8	44.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 14000	3.2	40.8	44.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 12000	3.7	42.4	46.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 10000	3.7	43.6	47.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 9000	3.7	45.0	48.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 8000	3.7	45.2	48.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 7000	3.7	45.2	48.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 6000	3.7	45.2	48.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 5000	3.7	93.0	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 4500	3.7	93.0	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 4000	3.9	94.3	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 3500	3.9	94.7	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 3000	3.9	95.0	98.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500	3.9	95.0	98.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1300	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1100	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	3.9	95.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 867

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	4.6	45.6	48.8	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 20000	4.6	47.7	51.0	51.6	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 18000	4.6	47.8	51.1	51.8	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 16000	4.6	47.8	51.1	51.8	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 14000	4.6	47.8	51.1	51.8	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 12000	5.0	49.7	53.0	53.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 10000	5.0	51.0	54.2	54.9	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 9000	5.0	51.9	55.2	55.8	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 8000	5.0	52.4	55.7	56.4	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 7000	5.0	52.4	55.7	56.4	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 6000	5.0	52.4	55.7	56.4	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 5000	5.0	94.3	97.6	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 4500	5.0	94.6	97.8	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 4000	5.1	95.2	98.5	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 3500	5.1	95.4	98.6	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 3000	5.2	95.5	98.8	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2500	5.2	95.6	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	5.2	95.6	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	5.2	95.6	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	5.2	95.6	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	5.2	95.6	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	5.2	95.6	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	5.2	95.6	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	5.2	95.6	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	5.2	95.6	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	5.2	95.6	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	5.2	95.6	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	5.2	95.6	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	5.2	95.6	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	5.2	95.6	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	5.2	95.6	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	5.2	95.6	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	5.2	95.6	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 883

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	6.2	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 20000	6.4	65.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 18000	6.4	66.1	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 16000	6.4	66.2	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 14000	6.4	66.2	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 12000	6.8	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 10000	6.8	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 9000	6.8	70.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000	6.8	70.3	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 7000	6.8	70.3	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 6000	6.8	70.3	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 5000	6.9	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 4500	6.9	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4000	7.2	98.1	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3500	7.2	98.4	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3000	7.3	98.8	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2500	7.3	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000	7.3	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	7.3	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	7.3	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	7.3	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	7.3	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	7.3	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	7.3	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	7.3	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	7.3	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	7.3	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	7.3	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	7.3	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	7.3	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	7.3	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	7.3	99.0	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): 1500-1700

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	6.9	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 20000	7.2	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 18000	7.2	64.8	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 16000	7.2	65.0	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	7.2	65.0	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 12000	8.1	67.2	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 10000	8.1	68.8	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 9000	8.1	70.1	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 8000	8.1	70.4	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 7000	8.1	70.4	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 6000	8.1	70.4	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 5000	8.3	96.8	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 4500	8.3	96.8	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 4000	8.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 3500	8.5	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 3000	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	8.5	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 879

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: SEP HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	5.2	42.0	42.8	42.8	42.8	42.8	42.8	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 20000	5.5	44.4	45.2	45.3	45.3	45.3	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 18000	5.5	44.4	45.2	45.3	45.3	45.3	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 16000	5.5	44.7	45.5	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 14000	5.5	44.7	45.5	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 12000	5.8	47.0	47.8	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 10000	5.8	48.6	49.4	49.5	49.5	49.5	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 9000	5.8	49.2	50.0	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 8000	5.8	49.8	50.6	50.7	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 7000	5.8	49.8	50.6	50.7	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 6000	5.8	49.8	50.6	50.7	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 5000	5.8	95.8	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4500	5.8	95.8	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4000	6.1	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3500	6.1	98.0	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3000	6.1	98.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2500	6.1	98.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000	6.1	98.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	6.1	98.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	6.1	98.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	6.1	98.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	6.1	98.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	6.1	98.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	6.1	98.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	6.1	98.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	6.1	98.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	6.1	98.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	6.1	98.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	6.1	98.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	6.1	98.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	6.1	98.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	6.1	98.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: SEP HOURS(IST): 2100-2300

CEILING IN FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	3.5	37.0	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 20000	3.5	37.8	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 18000	3.5	38.0	38.7	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 16000	3.5	38.0	38.7	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 14000	3.5	38.0	38.7	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 12000	3.5	39.1	39.8	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 10000	3.5	40.6	41.3	41.3	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 9000	3.5	41.5	42.2	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 8000	3.5	41.9	42.5	42.5	42.5	42.5	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 7000	3.5	41.9	42.5	42.5	42.5	42.5	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 6000	3.5	41.9	42.5	42.5	42.5	42.5	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 5000	3.5	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 4500	3.5	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 4000	3.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3500	3.8	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3000	3.8	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2500	3.8	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000	3.8	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	3.8	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	3.8	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	3.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	3.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	3.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	3.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	3.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	3.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	3.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	3.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	3.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	3.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	3.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	3.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 879

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: SEP HOURS(1ST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	4.4	44.9	46.1	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 20000	4.5	46.7	48.1	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 18000	4.5	46.9	48.2	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 16000	4.5	47.0	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.7
GE 14000	4.5	47.0	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.7
GE 12000	4.8	48.8	50.1	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 10000	4.8	50.1	51.4	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 9000	4.8	51.0	52.3	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 8000	4.8	51.4	52.7	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 7000	4.8	51.4	52.7	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 6000	4.8	51.4	52.7	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 5000	4.9	95.8	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 4500	4.9	95.8	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
GE 4000	5.1	97.3	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3500	5.1	97.6	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3000	5.2	97.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2500	5.2	98.0	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000	5.2	98.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 1800	5.2	98.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 1500	5.2	98.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 1200	5.2	98.1	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	5.2	98.1	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	5.2	98.1	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	5.2	98.1	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	5.2	98.1	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	5.2	98.1	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	5.2	98.1	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	5.2	98.1	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	5.2	98.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	5.2	98.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	5.2	98.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	5.2	98.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7021

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: OCT HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	3.7	36.9	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 20000	3.7	39.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 18000	3.7	39.8	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 16000	3.7	39.8	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 14000	3.7	39.8	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 12000	4.1	43.9	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 10000	4.1	48.2	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 9000	4.1	51.0	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 8000	4.1	51.7	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 7000	4.1	51.7	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 6000	4.1	51.7	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 5000	4.1	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 4500	4.1	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4000	4.2	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3500	4.2	93.9	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000	4.2	96.3	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2500	4.4	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2000	4.4	98.0	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	4.4	98.0	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	4.4	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	4.4	98.6	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	4.4	98.6	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	4.4	98.6	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	4.4	98.6	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	4.4	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	4.4	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	4.4	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	4.4	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	4.4	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	4.4	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	4.4	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	4.4	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(1ST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	2.9	37.0	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5
GE 20000	1	2.9	39.3	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8
GE 18000	1	2.9	39.3	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8
GE 16000	1	2.9	39.3	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8
GE 14000	1	2.9	39.3	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8
GE 12000	1	3.2	42.8	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
GE 10000	1	3.2	46.4	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9
GE 9000	1	3.2	48.9	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6
GE 8000	1	3.2	49.5	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1
GE 7000	1	3.2	49.5	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2
GE 6000	1	3.2	49.5	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2
GE 5000	1	3.3	87.0	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
GE 4500	1	3.3	87.1	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8
GE 4000	1	3.4	89.7	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5
GE 3500	1	3.4	91.3	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1
GE 3000	1	3.4	95.0	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
GE 2500	1	3.4	96.5	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
GE 2000	1	3.4	96.8	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
GE 1800	1	3.4	96.8	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
GE 1500	1	3.4	96.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
GE 1200	1	3.4	97.6	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5
GE 1000	1	3.4	97.6	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5
GE 900	1	3.4	97.6	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5
GE 800	1	3.4	97.6	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5
GE 700	1	3.4	97.6	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 600	1	3.4	97.6	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 500	1	3.4	97.6	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 400	1	3.4	97.7	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	1	3.4	97.7	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	1	3.4	97.7	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	1	3.4	97.7	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE	C1	3.4	97.7	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: MELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: OCT HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	3.9	35.1	36.5	37.5	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 20000	4.2	39.6	41.0	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 18000	4.2	39.9	41.3	42.6	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 16000	4.2	39.9	41.3	42.6	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 14000	4.2	39.9	41.3	42.6	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 12000	4.5	43.5	44.9	46.3	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 10000	4.5	48.4	49.8	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 9000	4.6	51.0	52.6	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 8000	4.7	52.5	54.3	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 7000	4.7	52.5	54.3	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 6000	4.7	52.5	54.3	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 5000	4.7	82.7	84.6	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4500	4.7	83.1	84.9	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 4000	5.2	86.9	88.7	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 3500	5.5	89.4	91.3	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3000	5.5	92.2	94.4	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	5.5	93.0	95.4	97.3	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	5.5	93.3	95.8	97.8	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	5.5	93.3	95.8	97.8	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	5.5	93.3	95.8	97.8	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	5.5	94.0	96.6	98.7	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	5.5	94.0	96.6	98.7	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	5.5	94.0	96.6	98.7	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	5.5	94.0	96.6	98.8	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	5.5	94.0	96.6	98.8	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	5.5	94.0	96.6	98.9	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	5.5	94.0	96.6	98.9	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	5.5	94.0	96.6	98.9	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	5.5	94.0	96.6	98.9	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	5.5	94.0	96.6	98.9	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	5.5	94.0	96.6	98.9	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS (LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL)	5.5	41.4	43.3	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 20000	6.2	46.9	49.4	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000	6.2	47.9	50.7	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 16000	6.2	48.1	50.9	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 14000	6.2	48.2	51.0	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 12000	6.7	51.6	55.0	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 10000	6.7	54.2	58.0	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 9000	6.7	56.1	60.2	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 8000	6.7	56.9	61.5	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 7000	6.7	56.9	61.5	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 6000	6.7	56.9	61.5	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 5000	6.8	78.5	83.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 4500	6.8	78.9	83.7	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4000	7.7	84.2	89.2	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3500	7.7	86.3	91.5	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 3000	7.7	88.7	94.0	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2500	7.7	89.6	95.0	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2000	7.7	89.9	95.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	7.7	90.1	95.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	7.7	90.4	95.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	7.8	90.6	96.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	7.8	90.6	96.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	7.8	90.6	96.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	7.8	90.8	96.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	7.8	90.8	96.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	7.8	90.9	96.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	7.8	90.9	96.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	7.8	90.9	96.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	7.8	90.9	96.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	7.8	90.9	96.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	7.8	90.9	96.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	7.8	90.9	96.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16716 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(LST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	7.2	48.1	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 20000	1	7.7	54.0	54.7	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 18000	1	7.7	55.2	55.9	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 16000	1	7.7	55.2	55.9	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 14000	1	7.7	55.3	56.0	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 12000	1	8.9	59.5	60.5	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 10000	1	9.3	63.2	64.5	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 9000	1	9.3	66.4	67.8	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 8000	1	9.3	66.9	68.7	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 7000	1	9.3	66.9	68.7	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 6000	1	9.3	66.9	68.7	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 5000	1	9.7	82.8	84.6	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4500	1	9.7	83.4	85.1	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4000	1	10.1	88.6	90.5	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3500	1	10.5	92.3	94.2	94.9	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 3000	1	10.5	94.2	96.1	97.4	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2500	1	10.5	94.8	96.8	98.1	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	1	10.5	94.9	96.9	98.2	98.6	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	1	10.5	94.9	96.9	98.2	98.6	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	1	10.5	94.9	96.9	98.2	98.6	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	1	10.5	95.0	97.0	98.5	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	1	10.5	95.0	97.0	98.5	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	1	10.5	95.0	97.0	98.5	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	1	10.5	95.0	97.0	98.5	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	1	10.5	95.4	97.5	98.9	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	1	10.5	95.4	97.5	98.9	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	1	10.5	95.4	97.5	98.9	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1	10.5	95.4	97.5	98.9	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1	10.5	95.4	97.5	98.9	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	10.5	95.4	97.5	98.9	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	10.5	95.4	97.5	98.9	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	1	10.5	95.4	97.5	98.9	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: OCT HOURS (LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL		6.4	48.4	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 20000	7.4	54.8	54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 18000	7.4	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 16000	7.4	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 14000	7.4	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 12000	8.3	60.6	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 10000	8.5	65.6	66.1	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 9000	8.7	68.1	68.6	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 8000	8.7	68.8	69.4	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 7000	8.7	68.8	69.4	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 6000	8.7	68.8	69.4	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	8.7	86.0	86.5	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4500	8.7	86.7	87.3	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4000	9.3	90.7	91.4	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3500	9.3	93.5	94.3	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 3000	9.4	95.9	96.8	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500	9.5	96.6	97.5	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	9.5	96.7	97.7	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	9.5	96.7	97.7	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	9.5	96.7	97.7	98.8	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	9.5	96.8	97.8	98.9	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	9.5	96.8	97.8	98.9	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	9.5	96.8	97.8	98.9	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	9.5	96.8	97.8	98.9	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	9.5	96.9	97.9	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	9.5	96.9	97.9	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	9.5	96.9	97.9	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	9.5	96.9	97.9	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	9.5	96.9	97.9	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	9.5	96.9	97.9	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	9.5	96.9	97.9	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE	0	9.5	96.9	97.9	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 905

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: OCT HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	5.4	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 20000	5.7	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 18000	5.7	50.2	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 16000	5.7	50.4	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 14000	5.7	50.4	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 12000	6.1	53.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 10000	6.2	56.8	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 9000	6.2	59.7	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 8000	6.2	60.2	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 7000	6.2	60.5	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 6000	6.2	60.5	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 5000	6.2	86.1	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 4500	6.2	86.5	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000	6.7	90.6	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3500	6.7	93.6	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3000	6.7	96.6	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2500	6.7	97.2	98.1	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	6.7	97.4	98.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	6.7	97.4	98.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	6.7	97.4	98.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	6.7	97.6	98.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	6.7	97.6	98.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	6.7	97.6	98.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	6.7	97.6	98.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	6.7	97.6	98.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	6.7	97.6	98.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	6.7	97.6	98.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	6.7	97.6	98.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	6.7	97.7	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	6.7	97.7	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	6.7	97.7	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	6.7	97.7	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: OCT

HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	3.8	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 20000	3.8	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 18000	3.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 16000	3.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 14000	3.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 12000	4.2	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 10000	4.2	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 9000	4.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 8000	4.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 7000	4.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 6000	4.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 5000	4.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4500	4.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 4000	4.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3500	4.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3000	4.5	96.8	97.2	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	4.5	97.6	98.0	98.5	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	4.5	98.0	98.5	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	4.5	98.0	98.5	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	4.5	98.3	98.7	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	4.5	98.5	98.9	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	4.5	98.5	98.9	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	4.5	98.5	98.9	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	4.5	98.5	98.9	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	4.5	98.5	99.0	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	4.5	98.5	99.0	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	4.5	98.5	99.0	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	4.5	98.5	99.0	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	4.5	98.5	99.0	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	4.5	98.5	99.0	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	4.5	98.5	99.0	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	4.5	98.5	99.0	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 919

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: OCT

HOURS(LST):

ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 100	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	4.8	40.9	41.5	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 20000	5.2	45.5	46.2	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 18000	5.2	46.1	46.8	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 16000	5.2	46.1	46.9	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 14000	5.2	46.2	46.9	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 12000	5.7	50.0	50.9	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 10000	5.8	54.1	55.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8
GE 9000	5.9	56.7	57.8	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 8000	5.9	57.6	58.8	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 7000	5.9	57.6	58.9	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 6000	5.9	57.6	58.9	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 5000	6.0	85.1	86.3	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500	6.0	85.4	86.7	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 4000	6.4	89.3	90.0	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3500	6.4	91.9	93.3	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3000	6.5	94.5	96.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4
GE 2500	6.5	95.4	97.1	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	6.5	95.6	97.4	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	6.5	95.7	97.4	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	6.5	95.8	97.5	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
GE 1200	6.5	96.1	97.9	99.2	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	6.5	96.1	97.9	99.2	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	6.5	96.1	97.9	99.2	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	6.5	96.2	98.0	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	6.5	96.2	98.0	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	6.5	96.2	98.0	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	6.5	96.2	98.0	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	6.5	96.2	98.1	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	6.5	96.2	98.1	99.4	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	6.5	96.2	98.1	99.4	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	6.5	96.2	98.1	99.4	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	6.5	96.2	98.1	99.4	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	ST 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	4.6	38.3	38.6	38.6	38.6	38.6	39.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.8
GE 20000	4.7	40.8	41.2	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.4
GE 18000	4.7	41.2	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.8
GE 16000	4.7	41.2	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.8
GE 14000	4.7	41.2	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.8
GE 12000	5.4	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4
GE 10000	5.4	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7
GE 9000	5.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9
GE 8000	5.4	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3
GE 7000	5.5	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
GE 6000	5.5	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
GE 5000	5.5	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0
GE 4500	5.5	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
GE 4000	5.5	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9
GE 3500	5.5	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
GE 3000	5.6	94.1	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
GE 2500	5.9	96.2	97.1	97.5	97.5	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
GE 2000	5.9	97.4	98.3	98.6	98.6	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
GE 1800	5.9	97.4	98.3	98.6	98.6	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
GE 1500	5.9	97.6	98.5	98.9	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 1200	6.1	98.2	99.1	99.4	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 1000	6.1	98.2	99.1	99.4	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 900	6.1	98.2	99.1	99.4	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 800	6.1	98.2	99.1	99.4	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 700	6.1	98.3	99.2	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 600	6.1	98.3	99.2	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 500	6.1	98.3	99.2	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 400	6.1	98.3	99.2	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	6.1	98.3	99.2	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	6.1	98.3	99.2	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	6.1	98.3	99.2	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	6.1	98.3	99.2	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 974

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16716C STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	4.1	38.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 20000	4.3	41.5	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 18000	4.3	41.8	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 16000	4.3	41.8	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 14000	4.3	41.8	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 12000	4.7	46.1	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 10000	4.7	50.2	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 9000	4.9	53.5	54.9	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 8000	5.2	54.4	55.8	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 7000	5.2	54.7	56.0	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 6000	5.2	54.7	56.0	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 5000	5.2	77.8	79.2	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4500	5.2	77.9	79.3	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4000	5.5	85.7	87.1	87.2	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3500	5.5	89.1	90.4	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3000	5.5	94.4	96.0	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2500	5.6	95.6	97.4	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2000	5.6	96.3	98.2	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	5.6	96.4	98.3	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	5.6	96.7	98.5	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	5.6	97.2	99.1	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	5.6	97.2	99.1	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	5.6	97.2	99.1	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	5.6	97.2	99.1	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	5.6	97.5	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	5.6	97.5	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	5.6	97.5	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	5.6	97.5	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	5.6	97.5	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	5.6	97.5	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	5.6	97.5	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	5.6	97.5	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 864

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(1ST): 0600-0600

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	4.2	34.0	35.8	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.3
GE 20000	4.6	37.3	39.6	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1	40.1	40.1
GE 18000	4.6	37.7	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.4	40.4
GE 16000	4.6	37.7	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.4	40.4
GE 14000	4.6	37.7	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.4	40.4
GE 12000	6.4	43.2	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0
GE 10000	6.7	48.1	50.4	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0
GE 9000	6.7	52.5	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.5	55.5	55.5
GE 8000	6.7	54.1	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2
GE 7000	6.7	54.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4
GE 6000	6.7	54.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4
GE 5000	6.7	72.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4
GE 4500	6.7	73.0	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1
GE 4000	7.5	82.2	84.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3
GE 3500	7.7	86.0	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1
GE 3000	7.8	90.9	93.7	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.7	94.7	94.7
GE 2500	8.0	93.2	96.0	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
GE 2000	8.0	94.3	97.0	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6
GE 1800	8.0	94.3	97.0	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6
GE 1500	8.0	94.3	97.1	98.3	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.1	99.1
GE 1200	8.2	94.8	97.8	99.0	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 1000	8.2	94.8	97.8	99.0	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 900	8.2	94.8	97.8	99.0	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 800	8.2	94.8	97.8	99.0	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9
GE 700	8.2	94.9	97.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
GE 600	8.2	94.9	97.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
GE 500	8.2	94.9	97.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
GE 400	8.2	94.9	97.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
GE 300	8.2	94.9	97.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
GE 200	8.2	94.9	97.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
GE 100	8.2	94.9	97.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
GE 0	8.2	94.9	97.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 871

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4
NO CEIL	1	7.3	35.9	37.7	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 20000	7.7	43.5	46.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 18000	7.7	44.3	47.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 16000	7.7	44.4	47.6	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 14000	7.7	44.6	47.8	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 12000	8.8	48.7	52.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 10000	8.8	53.1	56.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 9000	8.8	55.5	58.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 8000	8.8	57.3	60.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 7000	8.8	57.8	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 6000	8.8	57.8	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 5000	8.8	71.8	75.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4500	8.8	73.0	76.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4000	9.6	81.2	84.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	9.7	85.0	88.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	9.9	88.9	92.7	93.9	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2500	10.1	90.3	94.2	95.6	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	10.1	92.2	96.1	97.7	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	10.1	92.2	96.1	97.7	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	10.1	92.2	96.1	97.8	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	10.2	92.6	96.6	98.5	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	10.2	92.6	96.6	98.5	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	10.2	92.6	96.6	98.5	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	10.2	92.6	96.6	98.5	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	10.2	92.9	96.9	98.9	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	10.2	92.9	96.9	98.9	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	10.2	92.9	96.9	98.9	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	10.2	92.9	96.9	98.9	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	10.2	92.9	96.9	98.9	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	10.2	92.9	96.9	98.9	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	10.2	93.1	97.0	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	10.2	93.1	97.0	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 879

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: NOV HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	8.0	38.2	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 20000	9.2	46.8	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 18000	9.2	48.2	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 16000	9.2	48.2	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 14000	9.2	48.2	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 12000	10.2	53.1	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 10000	10.2	57.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 9000	10.3	58.7	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 8000	10.3	59.9	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 7000	10.3	60.0	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 6000	10.3	60.0	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 5000	10.3	71.2	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 4500	10.3	72.0	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4000	12.2	83.6	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500	12.5	88.3	89.9	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3000	12.6	91.4	93.0	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2500	13.0	93.5	95.3	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	13.1	95.0	97.2	98.1	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	13.1	95.2	97.5	98.3	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	13.1	95.3	97.6	98.5	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	13.2	95.6	98.1	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	13.2	95.6	98.1	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	13.2	95.6	98.1	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	13.2	95.6	98.1	99.1	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	13.2	95.6	98.1	99.1	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	13.2	95.6	98.1	99.1	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	13.2	95.6	98.1	99.1	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	13.2	95.6	98.1	99.3	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	13.2	95.6	98.1	99.3	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	13.2	95.6	98.1	99.3	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	13.2	95.6	98.1	99.3	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	13.2	95.6	98.1	99.3	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 872

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	7.0	37.8	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 20000	8.3	46.3	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 18000	8.3	47.2	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 16000	8.3	47.4	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 14000	8.3	47.7	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 12000	9.9	53.4	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 10000	9.9	57.9	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 9000	10.0	59.9	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 8000	10.1	60.6	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 7000	10.1	60.6	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 6000	10.1	60.6	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 5000	10.1	71.7	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4500	10.1	72.2	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 4000	11.3	82.9	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3500	11.4	88.4	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3000	11.5	93.0	94.6	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	11.7	95.3	97.0	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	11.7	96.0	97.7	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	11.7	96.1	97.8	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	11.7	96.1	97.8	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	11.7	96.6	98.3	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	11.7	96.6	98.3	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	11.7	96.6	98.3	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	11.7	96.7	98.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	11.7	96.7	98.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	11.7	96.7	98.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	11.7	96.7	98.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	11.7	96.7	98.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	11.7	96.7	98.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	11.7	96.7	98.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE	CL	11.7	96.7	98.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 870

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: NOV HOURS (LST): 1800-2600

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	6.6	36.5	37.1	37.3	37.4	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 2000	0	6.9	42.0	42.5	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 1800	0	6.9	43.8	44.3	44.6	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 1600	0	6.9	43.9	44.5	44.7	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 1400	0	6.9	44.3	44.9	45.1	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 1200	0	7.8	49.8	50.3	50.6	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 1000	0	7.8	54.5	55.2	55.4	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 900	0	8.0	56.7	57.4	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 800	0	8.0	57.7	58.4	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 700	0	8.0	57.7	58.4	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 600	0	8.0	57.7	58.4	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 500	0	8.0	75.2	75.9	76.1	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 450	0	8.0	75.6	76.2	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 400	0	8.7	83.3	83.9	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 350	0	8.7	88.5	89.1	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 300	0	8.7	93.0	93.9	94.2	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 250	0	8.7	95.0	96.4	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 200	0	8.7	95.9	97.5	98.2	98.5	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 180	0	8.7	95.9	97.5	98.2	98.5	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 150	0	8.7	95.9	97.5	98.2	98.5	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 120	0	8.7	96.5	98.3	99.0	99.4	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	0	8.7	96.5	98.3	99.0	99.4	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 90	0	8.7	96.5	98.3	99.0	99.4	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 80	0	8.7	96.5	98.3	99.0	99.4	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 70	0	8.7	96.6	98.4	99.2	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	0	8.7	96.6	98.4	99.2	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	0	8.7	96.6	98.4	99.2	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	0	8.7	96.6	98.4	99.2	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	0	8.7	96.6	98.4	99.2	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	0	8.7	96.6	98.4	99.2	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	0	8.7	96.6	98.4	99.2	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	0	8.7	96.6	98.4	99.2	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 884

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: MELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: NOV HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	5.4	36.2	36.4	36.4	36.5	36.5	36.5	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 20000	5.4	38.8	39.0	39.0	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 18000	5.4	39.2	39.5	39.5	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 16000	5.4	39.2	39.5	39.5	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 14000	5.4	39.3	39.6	39.6	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 12000	5.7	44.5	44.7	44.7	44.8	44.8	44.8	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 10000	5.8	51.7	51.9	51.9	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 9000	5.8	55.0	55.4	55.4	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 8000	5.8	56.1	56.7	56.7	56.8	56.8	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 7000	5.8	56.3	57.0	57.0	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 6000	5.8	56.3	57.0	57.0	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 5000	5.8	78.7	79.4	79.4	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4500	5.9	79.1	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4000	6.1	85.8	86.5	86.5	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3500	6.1	90.5	91.3	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 3000	6.1	94.7	95.6	95.6	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	6.2	96.3	97.4	97.6	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2000	6.2	96.9	98.2	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	6.2	96.9	98.2	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	6.2	97.0	98.3	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	6.2	97.3	98.8	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	6.2	97.3	98.8	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	6.2	97.3	98.8	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	6.2	97.5	99.0	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	6.2	97.5	99.0	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	6.2	97.5	99.0	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	6.2	97.5	99.0	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	6.2	97.5	99.0	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	6.2	97.5	99.0	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	6.2	97.5	99.0	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	6.2	97.5	99.0	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: NOV HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	5.9	37.0	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1
GE 20000	6.4	42.1	43.3	43.5	43.5	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 18000	6.4	42.9	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.4
GE 16000	6.4	42.9	44.1	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 14000	6.4	43.1	44.2	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.6
GE 12000	7.4	48.2	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8
GE 10000	7.4	53.1	54.4	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 9000	7.5	55.9	57.2	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 8000	7.5	57.1	58.5	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 7000	7.5	57.3	58.7	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 6000	7.5	57.3	58.7	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 5000	7.5	74.9	76.3	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4500	7.6	75.5	76.9	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4000	8.3	84.0	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9
GE 3500	8.4	88.3	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3
GE 3000	9.5	92.5	94.3	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2500	8.7	94.4	96.3	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
GE 2000	8.7	95.5	97.5	98.3	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	8.7	95.5	97.6	98.4	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	8.7	95.6	97.7	98.5	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	8.7	96.1	98.2	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
GE 1000	8.7	96.1	98.2	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
GE 900	8.7	96.1	98.2	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
GE 800	8.7	96.1	98.2	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
GE 700	8.7	96.3	98.4	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	8.7	96.3	98.4	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	8.7	96.3	98.4	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	8.7	96.3	98.4	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	8.7	96.3	98.4	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	8.7	96.3	98.4	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	8.7	96.3	98.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 0	8.7	96.3	98.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7011

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: DEC HOURS(IST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		3.6	36.0	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 20000		3.9	38.8	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 18000		3.9	39.5	39.9	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 16000		3.9	39.5	39.9	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 14000		3.9	39.5	39.9	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 12000		4.5	45.2	45.6	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 10000		4.5	50.1	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 9000		4.5	55.3	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 8000		4.5	56.6	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 7000		4.5	56.6	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 6000		4.5	56.6	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 5000		4.5	77.0	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.6	77.8	77.8	77.8	77.8	77.8	77.8
GE 4500		4.5	77.2	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4000		5.3	86.0	86.5	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500		5.3	90.3	91.2	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3000		5.3	94.4	95.5	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500		5.3	95.2	96.6	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000		5.3	95.9	97.6	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800		5.3	96.2	97.8	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500		5.3	96.5	98.1	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200		5.3	96.9	98.7	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000		5.3	97.0	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		5.3	97.0	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		5.3	97.0	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		5.3	97.0	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		5.3	97.0	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		5.3	97.0	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		5.3	97.0	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		5.3	97.0	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		5.3	97.0	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		5.3	97.0	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		5.3	97.0	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: DEC HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		3.2	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 20000		3.5	40.3	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 18000		3.5	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 16000		3.5	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 14000		3.5	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 12000		4.3	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 10000		4.4	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 9000		4.4	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 8000		4.4	58.2	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 7000		4.4	58.3	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 6000		4.4	58.3	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 5000		4.4	77.9	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 4500		4.4	77.9	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 4000		4.5	85.3	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3500		4.5	89.8	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3000		4.5	94.9	96.2	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2500		4.5	95.4	97.1	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000		4.5	95.8	97.6	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800		4.5	95.8	97.6	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500		4.5	95.8	97.6	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200		4.5	96.4	98.3	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000		4.5	96.5	98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900		4.5	96.5	98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800		4.5	96.5	98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700		4.5	96.7	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600		4.5	96.7	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500		4.5	96.7	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400		4.5	96.8	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		4.5	96.8	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		4.5	96.8	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		4.5	96.8	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		4.5	96.8	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 905

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: DEC HOURS(LST): 0600-0600

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		4.4	33.7	34.3	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 20000		5.4	39.5	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 18000		5.4	40.2	40.8	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 16000		5.4	40.2	40.8	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 14000		5.4	40.3	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 12000		6.3	44.5	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 10000		6.7	52.8	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 9000		7.0	58.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 8000		7.2	60.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000		7.3	60.3	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 6000		7.3	60.3	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 5000		7.3	77.9	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4500		7.3	77.9	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4000		7.7	84.7	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500		7.9	87.9	89.0	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3000		8.0	92.9	94.5	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500		8.2	94.6	96.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000		8.2	95.3	97.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800		8.2	95.3	97.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1600		8.2	95.4	97.2	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200		8.2	95.7	97.6	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000		8.2	95.7	97.6	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900		8.2	95.7	97.6	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800		8.2	95.7	97.6	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700		8.2	96.1	98.0	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600		9.2	96.1	98.0	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500		8.3	96.2	98.1	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		8.3	96.2	98.1	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		8.3	96.2	98.1	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		8.3	96.2	98.1	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		8.3	96.2	98.1	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		8.3	96.2	98.1	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: DEC HOURS/IST: 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO	CEIL	6.8	34.2	35.3	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 2000	11	8.1	43.2	44.7	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 1800	11	8.1	44.4	46.4	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 1600	11	8.1	44.4	46.4	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 1400	11	8.1	44.6	46.6	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 1200	11	9.6	50.3	52.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 1000	11	10.0	54.5	57.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 900	11	10.3	58.7	61.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 800	11	10.5	61.3	64.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 700	11	10.5	61.3	64.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 600	11	10.5	61.3	64.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 500	11	10.5	73.3	76.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 450	11	10.5	73.7	76.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 400	11	11.6	80.5	83.6	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 350	11	11.7	83.9	87.0	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 300	11	11.9	88.2	91.9	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 250	11	12.0	90.9	95.0	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 200	11	12.0	91.7	95.9	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 180	11	12.0	91.8	96.0	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 150	11	12.0	91.9	96.1	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 120	11	12.1	92.4	96.6	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	11	12.1	92.4	96.6	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 90	11	12.1	92.4	96.6	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 80	11	12.1	92.4	96.6	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 70	11	12.1	92.7	96.9	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 60	11	12.1	92.7	96.9	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	11	12.1	92.7	96.9	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	11	12.1	92.7	96.9	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	11	12.1	92.7	96.9	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	11	12.1	92.7	96.9	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	11	12.1	92.7	96.9	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	11	12.1	92.7	96.9	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 906

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: DEC HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	
NO CEIL	8.9	36.0	36.5	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	
GE 2000	10.2	44.9	45.3	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	
GE 1800	10.2	46.1	46.8	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	
GE 1600	10.2	46.2	46.9	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	
GE 1400	10.2	46.6	47.3	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	
GE 1200	13.1	53.8	54.5	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	
GE 1000	13.6	59.1	59.7	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	
GE 900	14.0	63.6	64.5	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	
GE 800	14.0	65.0	65.9	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	
GE 700	14.0	65.1	66.0	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	
GE 600	14.0	65.1	66.0	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	
GE 500	14.0	73.3	74.2	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
GE 450	14.1	74.0	74.9	75.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	
GE 400	15.8	82.2	83.3	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	
GE 350	16.0	86.0	87.1	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	
GE 300	16.0	90.8	92.5	94.1	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
GE 250	16.1	92.8	95.1	96.8	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
GE 200	16.1	93.5	95.7	97.8	98.2	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 180	16.1	93.5	95.7	97.8	98.2	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 150	16.1	93.5	95.7	97.8	98.2	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 120	16.1	94.0	96.3	98.4	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 100	16.1	94.0	96.3	98.4	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 90	16.1	94.0	96.3	98.4	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 80	16.1	94.2	96.5	98.7	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 60	16.1	94.2	96.5	98.7	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 50	16.1	94.2	96.5	98.7	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 40	16.1	94.3	96.6	98.8	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 30	16.1	94.3	96.6	98.8	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 20	16.1	94.3	96.6	98.8	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 10	16.1	94.3	96.6	98.8	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	16.1	94.3	96.6	98.8	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 894

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: DEC HOURS(LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN FEET		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NO	CEIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
GE	20000	9.8	42.3	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE	18000	9.8	43.5	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE	16000	9.8	43.6	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE	14000	9.8	44.0	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE	12000	12.9	51.0	51.0	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE	10000	12.9	55.3	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE	9000	12.9	58.9	58.9	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE	8000	13.0	61.2	61.2	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE	7000	13.0	61.2	61.2	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE	6000	13.0	61.2	61.2	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE	5000	13.0	71.0	71.0	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE	4500	13.0	71.9	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE	4000	15.1	81.3	81.3	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE	3500	15.4	86.6	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE	3000	15.5	92.8	93.2	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE	2500	15.8	94.7	95.5	96.9	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	2000	15.8	95.2	96.0	97.5	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE	1800	15.8	95.4	96.2	97.8	98.3	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE	1500	15.8	95.5	96.3	97.9	98.4	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	1200	16.0	96.2	97.0	98.5	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	1000	16.0	96.2	97.0	98.5	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	800	16.0	96.3	97.1	98.7	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	700	16.0	96.4	97.2	98.8	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	16.0	96.4	97.2	98.8	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	16.0	96.4	97.2	98.8	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400	16.0	96.4	97.2	98.8	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300	16.0	96.4	97.2	98.8	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	16.0	96.4	97.2	98.8	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	16.0	96.4	97.2	98.8	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0	16.0	96.4	97.2	98.8	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 16716C STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: DEC HOURS (LST): 1800-2400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	7.5	37.4	37.5	37.8	37.8	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 20000	7.7	43.4	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 18000	7.7	44.2	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 16000	7.7	44.3	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 14000	7.7	44.4	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 12000	9.0	51.3	51.4	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 10000	9.1	56.1	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 9000	9.2	60.3	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 8000	9.3	61.8	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 7000	9.3	62.0	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 6000	9.3	62.0	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 5000	9.3	75.3	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4500	9.3	75.3	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4000	10.1	83.1	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3500	10.3	87.6	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3000	10.4	93.3	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	10.4	95.4	96.3	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2000	10.4	96.8	98.0	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	10.4	96.9	98.1	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	10.4	97.3	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	10.4	97.5	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	10.4	97.5	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	10.4	97.5	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	10.4	97.5	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	10.4	97.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	10.4	97.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	10.4	97.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	10.4	97.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	10.4	97.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	10.4	97.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	10.4	97.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	10.4	97.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 942

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: DEC HOURS(IST): 2100-2300

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	4.7	36.1	36.3	36.4	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.7
GE 20000	4.8	39.5	39.7	39.8	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.4
GE 18000	4.8	39.9	40.1	40.2	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.8
GE 16000	4.8	39.9	40.1	40.2	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.8
GE 14000	4.8	39.9	40.1	40.2	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.8
GE 12000	5.6	45.8	46.1	46.2	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.7
GE 10000	5.7	50.8	51.0	51.1	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6
GE 9000	5.8	54.9	55.4	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0
GE 8000	6.0	57.0	57.5	57.6	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1
GE 7000	6.0	57.3	57.8	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.6
GE 6000	6.0	57.3	57.8	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.6
GE 5000	6.0	76.3	76.8	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5
GE 4500	6.0	76.5	77.0	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7
GE 4000	6.7	83.9	84.4	84.6	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
GE 3500	6.9	89.1	89.7	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6
GE 3000	7.1	94.3	95.2	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1
GE 2500	7.2	96.1	97.1	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
GE 2000	7.2	96.6	97.7	98.1	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
GE 1800	7.2	96.6	97.7	98.1	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 1500	7.2	96.7	97.9	98.4	98.9	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3
GE 1200	7.2	96.8	98.1	98.6	99.2	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 1000	7.2	96.8	98.1	98.6	99.2	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 900	7.2	96.8	98.1	98.6	99.2	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 800	7.2	97.0	98.4	98.8	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 700	7.2	97.0	98.5	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 600	7.2	97.0	98.5	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 500	7.2	97.0	98.5	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 400	7.2	97.0	98.5	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	7.2	97.0	98.5	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	7.2	97.0	98.5	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	7.2	97.0	98.5	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	7.2	97.0	98.5	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	5.9	35.4	35.8	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 2000	6.7	41.5	41.9	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 1800	6.7	42.3	42.8	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 1600	6.7	42.3	42.9	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 1400	6.7	42.5	43.0	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 1200	8.1	48.5	49.1	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 1000	8.3	53.9	54.6	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 900	8.5	58.4	59.2	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 800	8.6	60.1	60.9	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 700	8.6	60.2	61.0	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 600	8.6	60.2	61.0	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 500	8.6	75.3	76.1	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
GE 450	8.6	75.6	76.4	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 400	9.6	83.4	84.3	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
GE 350	9.7	87.7	88.6	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 300	9.8	92.7	94.1	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 250	9.9	94.4	96.1	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 200	9.9	95.1	97.0	98.2	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 180	9.9	95.2	97.0	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 150	9.9	95.3	97.2	98.4	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 120	10.0	95.7	97.7	99.0	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	10.0	95.8	97.7	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 90	10.0	95.8	97.7	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 80	10.0	95.8	97.7	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 70	10.0	96.0	97.9	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 60	10.0	96.0	97.9	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 50	10.0	96.0	98.0	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	10.0	96.0	98.0	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	10.0	96.0	98.0	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	10.0	96.0	98.0	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	10.0	96.0	98.0	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7237

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: ALL HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	4.9	38.8	39.7	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 2000	5.2	43.5	44.5	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 1800	5.3	44.1	45.1	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7
GE 1600	5.3	44.2	45.2	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.8
GE 1400	5.3	44.2	45.3	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 1200	6.0	48.4	49.5	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 1000	6.1	52.2	53.4	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 900	6.1	54.6	55.9	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 800	6.1	55.5	56.8	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 700	6.1	55.5	56.9	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6
GE 600	6.1	55.5	56.9	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6
GE 500	6.1	84.4	85.7	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5
GE 450	6.1	84.6	86.0	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 400	6.6	89.2	90.7	91.2	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 350	6.6	92.0	93.5	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
GE 300	6.7	94.6	96.3	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
GE 250	6.7	95.5	97.3	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
GE 200	6.7	95.8	97.8	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
GE 180	6.7	95.9	97.8	98.7	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 150	6.7	95.9	97.8	98.8	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 120	6.7	96.2	98.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 100	6.7	96.2	98.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 90	6.7	96.2	98.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 80	6.7	96.2	98.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 70	6.7	96.3	98.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 60	6.7	96.3	98.3	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 50	6.7	96.3	98.3	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 40	6.7	96.3	98.3	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 30	6.7	96.3	98.3	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 20	6.7	96.3	98.3	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 10	6.7	96.3	98.3	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 0	6.7	96.3	98.3	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 85296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN
00-02	18.4	8.9		5.9	8.9	3.9	7.9		6.9	24.3	14.8	5.5
03-05	20.7	9.4		6.8	4.2	3.2	7.4		12.0	21.0	15.2	5.4
06-08	5.5	13.9		6.8	7.8	6.8	8.1		9.4	31.1	10.7	6.1
09-11	4.9	15.3		7.8	8.4	5.8	7.8		7.8	31.2	11.0	6.1
12-14	2.6	14.6		7.1	8.4	2.6	9.1		15.5	26.9	13.3	6.4
15-17	4.9	10.8		11.1	7.5	3.6	6.9		12.8	29.2	13.1	6.3
18-20	12.8	13.2		5.6	6.3	4.9	5.3		8.6	29.6	13.8	5.8
21-23	19.5	10.1		7.7	6.1	5.1	6.7		7.4	22.2	15.2	5.3
TOTALS	11.2	12.0		7.4	7.2	4.5	7.4		10.1	26.9	13.4	5.9

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN
00-02	17.9	9.3		5.7	5.0	5.7	5.0		6.8	26.5	17.9	5.8
03-05	15.6	8.7		7.2	5.1	4.7	6.2		9.8	26.1	16.7	5.9
06-08	6.1	8.9		6.1	5.0	5.7	5.7		8.9	35.7	17.9	6.8
09-11	5.8	11.3		6.5	5.8	4.4	8.0		11.6	27.6	18.9	6.5
12-14	3.6	9.3		6.0	7.1	5.7	7.5		11.4	29.5	19.9	6.4
15-17	4.4	10.6		6.2	5.1	3.7	5.5		12.8	35.2	16.5	6.6
18-20	10.8	8.3		4.7	4.7	3.2	7.9		14.1	22.4	18.8	6.3
21-23	13.4	9.4		5.4	6.9	4.3	8.3		8.3	25.6	18.4	6.1
TOTALS	9.7	9.5		6.0	6.2	4.7	6.8		10.5	28.6	18.1	6.4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	26.1	9.2		7.8	5.2	3.6	6.9		6.9	18.3	16.0	4.9	306
03-05	23.3	8.1		4.5	6.8	5.8	7.8		10.4	19.4	13.9	5.2	309
06-08	10.9	10.6		6.4	7.4	5.5	7.1		6.8	32.8	12.5	6.2	311
09-11	7.4	13.6		6.5	6.5	5.2	7.8		12.6	24.6	15.9	6.1	309
12-14	4.8	11.5		6.7	8.6	5.1	6.1		12.1	32.9	12.1	6.4	313
15-17	6.6	13.5		7.6	5.9	4.3	10.2		13.5	22.4	15.8	6.1	303
18-20	12.3	13.3		8.4	4.9	9.7	7.1		7.8	22.7	13.6	5.5	308
21-23	26.0	9.9		5.6	7.9	2.3	4.9		7.6	17.4	18.4	5.0	304
TOTALS	14.7	11.2		6.7	6.7	5.2	7.2		9.7	23.8	14.8	5.7	2463

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	36.1	6.2		6.5	6.8	3.4	7.8		7.5	10.5	11.2	3.4	294
03-05	32.3	6.4		5.7	8.8	5.4	6.1		8.1	16.5	8.8	4.2	297
06-08	18.1	16.1		7.7	7.0	3.7	4.4		8.4	25.2	9.4	5.2	298
09-11	13.5	18.5		10.1	7.1	4.0	6.1		9.1	21.2	10.4	5.2	297
12-14	7.3	20.0		9.0	7.7	5.7	6.3		11.7	21.0	11.3	5.4	300
15-17	8.5	18.4		5.2	7.1	6.5	5.4		9.9	23.5	11.6	5.5	294
18-20	14.0	14.0		10.0	6.7	6.4	6.0		8.0	19.7	15.1	5.3	299
21-23	14.8	9.9		5.2	7.2	4.8	4.4		5.5	12.3	11.9	3.9	293
TOTALS	20.6	14.2		6.7	7.3	5.0	5.6		8.5	18.7	11.2	4.6	2372

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 7A-87
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	44.3	9.2		6.9	6.9	5.6	3.3		6.2	12.5	5.2	3.2	305
03-05	31.6	12.6		10.3	5.5	3.5	7.4		10.0	14.8	4.2	3.8	310
06-08	23.1	19.2		10.3	4.8	3.8	6.4		10.6	15.1	6.7	4.1	312
09-11	14.4	24.6		12.8	7.5	5.9	6.9		10.2	13.1	4.6	4.1	305
12-14	6.9	24.5		10.6	9.2	6.2	5.9		14.1	17.3	5.2	4.6	306
15-17	9.8	25.5		7.8	5.6	7.5	8.8		9.2	20.9	4.9	4.7	306
18-20	15.1	17.1		10.9	4.9	6.3	7.9		10.2	17.1	5.6	4.6	304
21-23	40.8	7.6		8.2	9.9	3.3	5.9		6.3	12.8	5.3	3.4	304
TOTALS	23.3	17.5		9.8	7.4	5.3	6.6		9.6	15.5	5.2	4.1	2452

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 7A-87
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	68.5	10.2		7.5	3.4	2.4	2.4		1.0	2.7	2.0	1.3	295
03-05	55.3	17.5		8.3	4.0	2.3	4.3		3.6	3.3	1.3	1.7	302
06-08	53.0	17.2		7.6	7.3	2.3	2.6		3.3	5.6	1.0	1.6	302
09-11	30.6	30.3		13.9	4.4	4.4	4.4		6.1	5.4	.3	2.4	294
12-14	23.5	32.7		14.3	7.5	4.4	5.8		5.8	5.8	.3	2.6	294
15-17	31.9	29.5		10.2	7.0	4.2	3.9		4.6	7.0	1.8	2.5	285
18-20	36.2	24.5		11.4	5.9	3.1	5.2		6.6	6.2	1.0	2.5	290
21-23	65.6	11.7		6.2	5.5	2.7	2.4		2.7	2.7	1.4	1.4	291
TOTALS	45.6	24.6		9.9	5.6	3.2	3.9		4.2	4.8	1.1	2.1	2353

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	82.7	5.2		2.0	3.3	2.9	.3		2.3	1.3		.7	306
03-05	72.8	12.5		3.6	4.9	1.3	1.3		1.6	1.6	.3	.4	305
06-08	72.8	11.5		4.5	3.2	1.3	1.6		2.2	1.9	1.0	1.4	312
09-11	49.8	23.4		11.6	4.3	4.3	2.0		2.6	2.0		1.5	303
12-14	36.7	29.2		13.3	8.1	4.2	5.5		1.3	1.6		1.8	308
15-17	52.9	26.5		7.5	3.6	4.6	1.0		1.6	2.0	.3	1.3	306
18-20	59.2	18.8		8.1	3.9	1.6	2.9		2.3	2.6	.6	1.3	309
21-23	82.5	7.1		1.3	2.4	1.7	1.3		1.0	1.7	1.0	.7	297
TOTALS	63.7	16.8		6.5	4.2	2.7	2.0		1.9	1.8	.4	1.2	2446

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	81.3	4.6		3.9	4.3	1.0	3.0		2.0	2.0	1.0	.4	305
03-05	81.4	4.2		5.1	1.6	1.0	1.9		3.2	1.6		.6	312
06-08	74.2	11.9		5.6	4.0	1.0	1.7		1.0	2.6		.6	302
09-11	54.8	22.6		10.3	4.7	2.0	2.7		1.7	1.3		1.2	301
12-14	35.0	34.7		9.3	4.5	5.8	4.5		2.9	2.9	.3	1.5	311
15-17	51.2	26.6		6.6	5.3	1.7	1.3		2.3	4.3	.7	1.5	301
18-20	57.6	17.4		7.2	5.3	2.0	2.6		2.3	4.6	1.0	1.6	304
21-23	79.1	8.1		4.7	1.7	1.0	1.7		2.0	1.4	.3	.7	296
TOTALS	64.3	16.3		6.6	3.3	1.9	2.4		2.2	2.6	.4	1.2	2432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	78.4	5.4		4.7	3.4	1.0	2.4		1.7	2.0	1.0	1.5	296
03-05	74.4	8.1		2.4	4.0	1.0	2.0		1.7	5.7	.7	1.2	297
06-08	53.7	19.1		7.4	3.4	3.4	3.7		4.4	4.7	.3	1.7	298
09-11	40.9	29.7		8.1	5.4	4.1	4.4		4.1	3.0	.3	1.5	296
12-14	26.1	33.8		10.7	9.4	4.0	5.4		5.4	5.4		2.5	299
15-17	43.3	22.5		7.8	5.5	4.1	3.8		6.8	5.5	.7	2.2	293
18-20	57.0	14.4		8.7	4.0	2.3	5.0		2.7	5.0	.7	1.7	298
21-23	71.4	10.7		3.1	4.1	1.7	3.8		.3	3.8	1.0	1.2	290
TOTALS	55.7	18.0		6.6	4.9	2.7	3.8		3.4	4.4	.6	1.7	2367

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	47.1	6.1		7.5	5.8	2.9	5.5		2.9	13.0	7.1	3.1	308
03-05	40.6	13.2		5.2	4.8	5.8	5.2		7.1	9.0	9.0	3.4	310
06-08	20.1	18.2		11.4	5.2	4.2	6.2		9.7	17.9	7.1	4.4	308
09-11	14.2	22.7		12.0	6.8	6.5	5.5		9.1	14.6	8.7	4.4	309
12-14	11.6	22.3		8.4	10.6	5.2	6.5		10.3	14.8	10.3	4.7	310
15-17	17.8	15.2		10.9	9.9	4.6	4.6		10.6	18.8	7.6	4.7	303
18-20	28.9	18.0		7.5	7.9	7.5	4.6		4.6	13.1	7.9	3.7	305
21-23	38.5	11.2		7.9	6.6	3.6	3.6		6.9	13.2	8.6	3.6	304
TOTALS	27.4	16.1		8.9	7.2	5.0	5.2		7.7	14.3	8.3	4.0	2457

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL
00-02	27.3	11.1		9.4	6.4	5.1	4.7		9.4	16.2	10.4	4.4	25
03-05	27.6	11.6		5.8	4.8	7.2	5.8		7.8	16.4	13.0	4.6	25
06-08	10.4	16.1		8.1	6.0	1.7	8.1		10.7	27.9	11.1	5.7	25
09-11	10.1	12.2		10.1	9.1	8.4	6.4		8.4	22.3	12.8	5.6	25
12-14	6.9	13.2		8.9	8.2	4.9	7.2		10.9	25.0	14.8	6.0	31
15-17	9.0	14.5		7.6	6.6	5.9	6.6		10.0	28.0	11.8	5.6	28
18-20	22.8	12.4		6.0	4.4	7.7	4.7		8.7	20.8	12.4	5.0	25
21-23	28.6	9.6		7.3	6.3	5.9	5.6		6.7	16.4	11.5	4.5	28
TOTALS	17.8	12.6		7.9	6.5	5.9	6.1		9.3	21.6	12.2	5.0	236

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL
00-02	20.3	12.4		7.5	6.5	4.9	7.8		10.5	18.0	12.1	5.0	31
03-05	27.8	11.9		6.4	7.4	5.4	5.1		9.9	20.5	12.5	5.0	3
06-08	7.5	13.6		8.1	5.8	5.8	10.4		14.3	23.1	11.4	5.9	3
09-11	8.1	9.4		10.7	8.4	5.5	9.7		12.3	25.3	10.4	5.9	3
12-14	3.9	13.3		5.8	7.5	7.5	8.8		13.0	26.6	13.6	6.0	3
15-17	5.3	10.2		9.6	6.9	6.3	8.9		13.2	31.7	7.9	6.0	3
18-20	15.4	13.8		9.3	9.3	3.2	5.8		10.9	20.9	11.3	5.0	3
21-23	21.9	10.9		5.3	7.3	6.6	5.6		11.3	7.9	10.3	5.0	3
TOTALS	12.9	11.9		7.6	7.4	5.7	7.8		11.9	23.4	11.2	5.0	24

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: ALL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
JAN ALL	11.2	12.0		7.4	7.2	4.5	7.4		10.1	26.9	13.4	5.7	2445
FEB	9.7	9.5		6.0	6.2	4.7	6.8		10.5	28.6	18.1	6.4	2218
MAR	14.7	11.2		6.7	6.7	5.2	7.2		9.7	23.8	14.8	5.7	2463
APR	20.6	14.2		8.7	7.3	5.0	5.8		8.5	18.7	11.2	4.6	2372
MAY	23.3	17.5		9.6	7.4	5.3	6.6		9.6	15.5	5.2	4.1	2452
JUN	45.6	21.6		9.9	5.6	3.2	3.9		4.2	4.8	1.1	2.0	2353
JUL	63.7	16.8		6.5	4.2	2.7	2.0		1.9	1.8	.4	1.0	2446
AUG	64.3	16.3		6.6	3.3	1.9	2.4		2.2	2.6	.4	1.0	2432
SEP	55.7	18.0		6.6	4.9	2.7	3.8		3.4	4.4	.6	1.7	2367
OCT	27.4	16.1		8.9	7.2	5.0	5.2		7.7	14.3	8.3	4.0	2457
NOV	17.8	12.6		7.9	6.5	5.9	6.1		9.3	21.6	12.2	5.2	2362
DEC	12.9	11.9		7.8	7.4	5.7	7.8		11.9	23.4	11.2	5.6	2458
TOTALS	30.6	14.8		7.7	6.2	4.3	5.4		7.4	15.5	8.1	4.0	28825

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	EEEEEEEE
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTT	EEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTT	EEEEEE
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTT	EEEEEE
PP	AAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEE

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STAND DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 DEGREE FAHRENHEIT VALUE.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS.

ONE OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTING

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM EXTRACTING THE HIGH AND LOW TEMPERATURES FROM THE HOURLY OBSERVATIONS.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
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DRY-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 16716C STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	47.8	48.0	50.0	55.4	62.5	70.3	75.2	75.0	70.4	62.7	55.2	51.3	60.4
	SD	6.319	6.352	6.058	4.446	4.486	4.705	4.222	3.830	3.991	5.528	5.660	5.709	11.230
	TOT OBS	899	828	903	872	912	874	904	897	864	911	869	901	10614
03-05	MEAN	46.8	46.8	48.6	53.7	60.6	68.2	73.1	73.2	68.5	61.2	54.1	50.3	58.9
	SD	6.441	6.594	6.108	4.412	4.612	4.556	4.053	4.004	4.055	5.532	5.654	5.922	10.961
	TOT OBS	886	809	890	873	912	870	904	897	864	906	861	893	10565
06-08	MEAN	46.5	46.5	48.6	54.9	63.2	71.3	75.6	74.8	69.5	61.3	54.0	49.8	59.8
	SD	6.464	6.523	6.103	4.668	5.201	4.960	4.305	4.121	4.116	5.565	5.603	5.825	11.873
	TOT OBS	897	801	897	875	912	876	907	906	865	913	865	885	10599
09-11	MEAN	50.3	51.5	53.9	60.7	69.2	77.4	82.3	82.0	77.2	67.6	58.9	53.9	65.5
	SD	6.179	6.570	6.403	4.759	5.228	4.732	4.318	3.979	4.335	6.661	5.451	5.692	12.863
	TOT OBS	893	802	893	882	916	866	900	902	882	913	869	901	10619
12-14	MEAN	53.5	53.2	56.6	63.6	72.3	80.6	85.9	85.7	81.1	71.1	62.0	56.9	68.7
	SD	6.148	6.941	6.443	5.275	5.651	5.025	4.753	4.268	4.609	6.905	5.415	5.401	13.210
	TOT OBS	892	801	897	878	901	873	905	907	886	906	866	890	10602
15-17	MEAN	53.0	53.0	56.4	63.4	72.0	80.9	86.2	85.9	80.7	70.1	61.0	56.2	68.4
	SD	6.065	6.665	6.526	5.267	5.793	5.280	5.271	4.481	4.749	6.735	5.311	5.233	13.423
	TOT OBS	901	804	896	877	902	865	907	909	880	905	862	896	10604
18-20	MEAN	50.1	50.4	53.6	59.8	68.1	77.0	82.0	81.2	75.7	65.8	57.7	53.4	64.7
	SD	6.001	6.208	6.230	4.962	5.206	5.370	5.093	4.641	4.386	5.823	4.997	5.214	12.730
	TOT OBS	894	799	902	878	910	865	909	905	879	907	880	900	10628
21-23	MEAN	48.7	48.8	51.4	56.9	64.4	72.7	77.5	77.1	72.2	63.8	56.0	51.8	61.9
	SD	6.165	6.317	5.927	4.467	4.603	4.756	4.392	4.007	3.897	5.578	5.250	5.520	11.673
	TOT OBS	895	804	895	877	907	870	911	902	872	918	880	912	10643
ALL HOURS	MEAN	49.6	49.6	52.5	58.6	66.5	74.8	79.7	79.4	74.5	65.4	57.4	53.0	63.5
	SD	6.692	6.953	6.967	6.020	6.606	6.682	6.566	6.272	6.316	7.057	6.128	6.041	12.795
	TOT OBS	7157	6428	7173	7012	7272	6959	7247	7225	6992	7279	6952	7178	84874

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USAFETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	44.2	44.3	46.2	50.8	56.7	62.5	65.0	64.8	61.5	56.5	51.0	47.4	54.3
	SD	6.411	6.562	6.183	4.232	4.028	4.389	4.047	4.200	4.282	5.402	6.269	6.000	4.236
	TOT OBS	899	806	901	870	911	874	902	896	862	911	868	900	10600
03-05	MEAN	43.4	43.3	45.1	49.5	55.5	61.2	63.7	63.6	60.4	55.7	50.2	46.6	53.3
	SD	6.525	6.720	6.137	4.160	4.144	4.264	3.796	3.980	4.109	5.379	6.150	6.035	4.102
	TOT OBS	884	805	890	870	912	870	902	894	860	905	858	890	10540
06-08	MEAN	43.1	43.1	45.1	50.1	56.9	62.8	64.8	64.2	60.9	55.8	50.1	46.2	53.7
	SD	6.545	6.656	6.149	4.308	4.302	4.270	3.858	3.848	4.030	5.392	6.188	5.964	4.506
	TOT OBS	895	799	895	873	911	874	905	905	862	908	864	883	10574
09-11	MEAN	45.5	45.6	48.4	53.7	60.1	65.6	67.8	67.4	64.3	58.9	52.9	48.8	56.7
	SD	6.294	6.513	6.221	4.226	4.094	3.985	3.683	3.786	3.993	5.622	5.924	5.759	4.588
	TOT OBS	892	796	889	881	915	864	897	901	881	908	865	895	10584
12-14	MEAN	47.3	47.1	50.1	55.3	61.5	66.8	69.3	69.4	66.3	60.5	54.5	50.5	58.3
	SD	6.159	6.675	6.194	4.218	3.854	3.928	3.707	3.769	4.114	5.653	5.692	5.676	4.568
	TOT OBS	889	798	896	875	899	870	904	904	884	904	864	888	10575
15-17	MEAN	47.0	46.9	50.2	55.1	61.3	66.7	69.1	68.9	66.1	60.1	54.0	50.0	58.1
	SD	6.205	6.532	6.237	4.212	3.840	3.939	3.624	3.682	4.069	5.663	5.825	5.654	4.553
	TOT OBS	898	802	892	874	901	862	903	906	878	901	856	891	10564
18-20	MEAN	45.5	45.6	48.4	53.1	59.2	64.7	67.3	66.9	63.9	58.3	52.2	48.6	56.2
	SD	6.207	6.459	6.294	4.146	3.798	4.051	3.882	3.970	4.087	5.610	5.913	5.764	4.412
	TOT OBS	892	797	904	876	907	864	907	903	877	906	878	898	10606
21-23	MEAN	44.6	44.7	47.2	51.5	57.4	63.4	65.7	65.5	62.3	57.1	51.3	47.6	54.9
	SD	6.314	6.563	6.093	4.061	3.794	4.274	4.116	4.239	4.196	5.425	6.028	5.883	4.267
	TOT OBS	892	800	893	877	906	869	910	900	868	917	876	908	10616
ALL HOURS	MEAN	45.1	45.1	47.6	52.4	58.6	64.2	66.6	66.4	63.2	57.9	52.0	48.2	55.7
	SD	6.495	6.727	6.475	4.685	4.518	4.570	4.306	4.422	4.638	5.789	6.197	6.014	4.578
	TOT OBS	7141	6403	7157	6996	7262	6947	7230	7209	6972	7267	6929	7153	84659

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 16716C STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	39.7	39.7	42.0	46.4	51.9	57.0	58.4	58.0	54.9	51.5	46.7	43.1	49.2
	SD	8.131	8.427	7.916	5.992	5.923	6.720	6.810	7.109	6.799	7.145	8.334	7.879	9.943
	TOT OBS	899	806	901	870	911	874	902	896	862	911	868	900	10600
03-05	MEAN	39.2	39.0	41.0	45.3	51.3	56.2	57.3	57.0	54.2	51.1	46.2	42.6	48.5
	SD	8.291	8.491	7.761	5.705	5.688	6.200	6.166	6.333	6.281	7.024	8.136	7.701	9.710
	TOT OBS	884	805	890	870	912	870	902	894	860	905	858	890	10540
06-08	MEAN	38.8	38.9	41.1	45.5	51.8	56.9	57.6	57.1	54.5	51.1	46.1	42.1	48.5
	SD	8.366	8.425	7.751	5.854	5.706	6.081	6.023	5.982	6.016	6.998	8.098	7.645	9.820
	TOT OBS	895	799	895	873	911	874	905	905	862	908	864	883	10574
09-11	MEAN	39.9	39.9	42.6	47.4	53.4	58.0	58.9	58.4	55.6	52.2	47.3	43.3	49.8
	SD	8.468	8.496	8.081	6.025	6.235	6.477	6.414	6.627	6.460	7.274	8.251	7.766	10.013
	TOT OBS	892	796	889	881	915	864	897	901	881	908	865	895	10584
12-14	MEAN	40.3	40.2	43.4	48.0	53.7	58.0	59.6	59.6	56.7	52.5	47.6	43.9	50.4
	SD	8.691	8.738	8.304	6.126	6.314	7.022	6.910	7.248	7.347	7.716	8.272	8.227	10.344
	TOT OBS	889	798	896	875	899	870	904	904	884	904	864	888	10575
15-17	MEAN	40.3	40.0	43.4	48.0	53.4	57.7	58.9	58.7	56.5	52.4	47.5	43.8	50.1
	SD	8.829	8.727	8.349	6.241	6.196	7.156	6.880	7.338	7.264	7.888	8.461	8.223	10.259
	TOT OBS	898	802	892	874	901	862	903	906	878	901	856	891	10564
18-20	MEAN	40.1	40.1	43.0	46.9	52.3	56.5	58.2	57.6	55.7	52.3	46.9	43.5	49.5
	SD	8.377	8.676	8.380	6.337	6.497	7.197	7.166	7.400	7.193	7.626	8.384	8.034	10.027
	TOT OBS	892	797	901	876	907	864	907	903	877	906	878	898	10606
21-23	MEAN	39.7	39.7	42.5	46.5	51.7	56.8	57.9	57.8	55.2	51.6	46.6	43.1	49.2
	SD	8.322	8.631	7.998	6.054	6.287	7.278	7.515	7.571	7.144	7.297	8.329	7.925	10.051
	TOT OBS	892	800	893	877	906	869	910	900	868	917	876	908	10616
ALL	MEAN	39.8	39.7	42.4	46.8	52.4	57.1	58.3	58.0	55.4	51.8	46.9	43.2	49.4
	SD	8.447	8.583	8.115	6.116	6.171	6.607	6.786	7.017	6.878	7.394	8.297	7.945	10.044
HOURS	TOT OBS	7141	6403	7157	6996	7262	6947	7230	7209	6972	7260	6929	7153	84659

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 75-87
MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	99.7	97.1	86.5	65.1	29.1	7.6	74.1	899
	03-05	100.0	100.0	100.0	99.5	97.3	88.5	67.3	34.6	10.7	75.3	884
	06-08	100.0	100.0	99.8	99.1	97.4	88.9	67.5	33.5	10.3	75.2	895
	09-11	100.0	100.0	99.8	98.4	91.3	73.0	46.3	17.7	3.1	68.4	892
	12-14	100.0	100.0	98.9	94.6	80.7	57.4	28.8	9.3	1.5	62.3	889
	15-17	100.0	99.9	99.0	94.3	81.7	59.8	33.4	8.6	1.2	63.2	898
	18-20	100.0	100.0	99.9	99.0	92.3	76.5	50.6	18.3	2.2	69.3	892
	21-23	100.0	100.0	99.9	99.8	94.7	82.6	59.4	23.7	4.1	71.7	892
	TOTALS	100.0	100.0	99.7	98.1	91.6	76.7	52.3	21.9	5.1	69.9	7141

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS SR

PERIOD OF RECORD: 79-87
MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	96.5	85.7	61.2	28.3	7.1	73.5	806
	03-05	100.0	100.0	100.0	100.0	97.5	86.8	64.6	32.4	8.7	74.8	805
	06-08	100.0	100.0	100.0	100.0	97.9	87.9	67.2	36.0	8.1	75.2	795
	09-11	100.0	100.0	99.9	99.2	91.5	73.1	44.0	14.8	1.5	67.9	796
	12-14	100.0	100.0	99.7	96.5	82.3	56.0	24.1	8.8	1.6	62.3	796
	15-17	100.0	100.0	99.5	96.8	83.7	55.5	26.7	7.1	1.2	62.4	802
	18-20	100.0	100.0	99.9	98.9	93.5	74.3	46.7	16.4	2.3	68.5	797
	21-23	100.0	100.0	100.0	99.9	96.4	80.9	55.0	22.8	4.5	71.5	806
TOTALS		100.0	100.0	99.9	98.9	92.4	75.0	48.7	20.8	4.4	69.5	6403

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	97.1	88.6	66.0	33.0	7.5	74.7	901
	03-05	100.0	100.0	100.0	100.0	97.4	88.2	68.7	36.2	10.0	75.6	890
	06-08	100.0	100.0	100.0	100.0	97.8	89.6	69.3	36.1	8.8	75.8	895
	09-11	100.0	100.0	100.0	98.8	90.2	68.5	39.7	12.5	2.1	66.6	889
	12-14	100.0	100.0	99.8	96.1	81.5	53.3	24.6	5.7	1.7	61.8	896
	15-17	100.0	100.0	99.7	95.5	82.6	52.8	25.1	5.3	1.1	61.7	892
	18-20	100.0	100.0	100.0	98.6	91.3	74.1	46.3	16.1	2.2	68.3	901
	21-23	100.0	100.0	100.0	99.9	96.1	81.9	58.2	25.9	5.9	72.3	893
TOTALS		100.0	100.0	99.9	98.6	91.8	74.6	49.7	21.4	4.9	69.6	7157

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
APR	00-02	100.0	100.0	99.8	99.2	94.0	81.9	61.6	29.2	8.2	72.8	870
	03-05	100.0	100.0	100.0	99.4	95.9	86.7	66.7	32.6	9.7	74.3	871
	06-08	100.0	100.0	99.9	99.1	95.6	81.0	59.1	23.5	6.1	71.8	873
	09-11	100.0	100.0	99.5	96.6	85.7	51.9	26.2	8.2	1.9	62.6	881
	12-14	100.0	99.9	98.4	91.8	73.3	39.5	17.0	4.8	.9	58.2	875
	15-17	100.0	99.7	98.4	91.8	73.2	42.4	19.5	4.5	.2	58.5	874
	18-20	100.0	99.8	98.4	93.4	82.8	60.2	36.4	11.4	2.4	64.1	876
	21-23	100.0	100.0	99.4	97.5	90.3	74.2	51.7	21.8	5.4	69.3	877
	TOTALS	100.0	99.9	99.2	96.1	86.4	64.6	42.3	17.0	4.4	66.5	6996

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

MONTH: MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
MAY	00-02	100.0	100.0	99.7	95.6	90.3	74.4	54.2	22.5	3.4	69.8	911
	03-05	100.0	100.0	99.9	97.7	93.2	79.7	62.1	28.0	4.9	72.5	912
	06-08	100.0	100.0	99.5	97.1	89.8	73.3	45.0	13.1	3.0	67.6	911
	09-11	100.0	99.8	96.8	89.4	76.3	47.4	17.2	3.1		58.6	915
	12-14	100.0	98.8	93.4	84.5	62.2	33.7	9.2	2.2	.4	54.0	899
	15-17	100.0	99.1	94.3	83.6	60.3	33.3	11.4	2.3	.2	54.0	901
	18-20	100.0	99.2	95.7	86.8	70.5	50.8	25.7	5.2		59.1	907
	21-23	100.0	99.9	98.0	93.0	81.9	63.6	43.5	14.6	2.1	65.3	906
TOTALS		100.0	99.6	97.2	91.0	78.1	56.9	33.5	11.4	1.8	62.6	7262

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 79-87
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	99.4	94.1	79.7	61.2	37.6	14.4	1.3	64.4	874
	03-05	100.0	100.0	100.0	97.0	86.7	67.2	41.4	17.9	2.4	66.8	870
	06-08	100.0	100.0	99.5	95.4	77.6	55.1	24.9	5.5	.6	61.4	874
	09-11	100.0	100.0	96.1	81.7	59.5	27.1	6.3	.2		52.6	864
	12-14	100.0	98.6	88.2	73.7	43.7	13.1	1.6			47.7	870
	15-17	100.0	97.9	86.3	67.3	42.8	14.6	1.6			46.9	862
	18-20	100.0	99.0	91.1	75.0	50.8	28.1	10.0	1.4	.1	51.1	864
	21-23	100.0	99.5	96.2	87.5	70.1	49.9	28.7	7.6	.1	59.4	869
	TOTALS	100.0	99.4	94.6	84.0	63.9	39.5	19.0	5.9	.6	56.3	6947

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
JUL	00-02	100.0	100.0	98.9	85.4	62.6	44.2	22.8	6.4		57.6	902
	03-05	100.0	99.9	99.6	93.2	68.2	44.9	24.5	6.4		59.2	902
	06-08	100.0	99.9	99.2	89.3	58.5	33.1	10.3	1.7	.2	54.8	905
	09-11	100.0	99.8	91.6	63.7	36.7	10.7	1.1	.3	.2	46.3	897
	12-14	100.0	97.6	79.8	56.3	30.3	4.5	.9	.4		42.7	904
	15-17	100.0	97.7	75.1	48.6	26.9	7.3	1.0			41.6	903
	18-20	100.0	99.4	84.8	58.8	37.6	17.8	5.4	.9		46.2	907
	21-23	100.0	99.9	93.2	73.7	52.5	34.8	15.5	3.7	.4	53.0	911
TOTALS		100.0	99.3	90.3	71.1	46.7	24.7	10.2	2.5	.1	50.2	7231

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS	
AUG	00-02	100.0	100.0	98.5	67.1	60.9	41.9	20.3	5.8	.9	57.0	896	
	03-05	100.0	100.0	100.0	91.4	66.8	42.6	20.1	5.8	.9	58.2	894	
	06-08	100.0	100.0	99.8	88.7	61.2	31.9	10.7	2.4	.3	55.1	905	
	09-11	100.0	99.7	91.9	62.4	32.6	11.1	2.8			46.0	901	
	12-14	100.0	98.9	79.0	57.2	31.1	7.7	1.7			43.1	904	
	15-17	100.0	98.1	76.6	48.8	25.4	9.5	2.2	.2		41.8	906	
	18-20	100.0	99.7	86.4	58.8	37.1	19.7	7.1	1.1	.3	46.7	903	
	21-23	100.0	100.0	96.2	75.2	52.8	32.9	16.4	4.4	.9	53.3	900	
	TOTALS	100.0	99.6	91.1	71.2	46.0	24.7	10.2	2.5	.4	50.2	7209	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	99.0	92.9	71.1	43.5	21.9	7.4	.3	59.2	862
	03-05	100.0	100.0	99.4	95.3	81.0	49.1	25.8	8.3	.2	61.3	861
	06-08	100.0	100.0	99.5	94.7	81.4	44.9	19.5	5.0		59.8	862
	09-11	100.0	100.0	97.2	72.9	38.8	15.3	3.2	.3		48.5	881
	12-14	100.0	98.5	67.2	60.2	32.4	10.6	2.0	.1	.1	44.9	884
	15-17	100.0	98.4	87.7	60.6	32.0	12.2	2.7	.1		45.2	876
	18-20	100.0	99.7	95.3	74.9	47.2	29.0	13.3	2.1		51.6	877
	21-23	100.0	100.0	97.8	86.9	62.0	39.2	21.9	5.0	.2	56.7	866
TOTALS		100.0	99.6	95.4	79.8	55.7	30.5	13.8	3.5	.1	53.4	6972

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	99.9	97.7	90.6	70.8	46.2	16.1	3.0	67.9	911
	03-05	100.0	100.0	99.9	98.5	92.6	76.2	54.7	22.1	3.9	70.4	935
	06-08	100.0	100.0	100.0	98.6	93.7	75.6	49.1	21.8	5.5	70.0	908
	09-11	100.0	99.9	99.1	93.2	73.2	41.2	20.8	6.5	1.2	59.1	906
	12-14	100.0	100.0	96.9	82.1	57.7	26.0	10.4	3.7	.8	53.3	904
	15-17	100.0	100.0	97.0	86.5	60.9	33.2	13.9	4.2	1.0	55.0	901
	18-20	100.0	100.0	99.1	95.9	82.9	53.9	31.7	9.3	.8	62.9	906
	21-23	100.0	100.0	99.5	97.4	87.7	63.9	40.0	12.6	1.4	65.6	917
	TOTALS	100.0	100.0	98.9	93.7	79.9	55.1	33.4	12.0	2.2	63.0	7260

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
NOV	00-02	100.0	100.0	100.0	99.3	95.4	85.8	65.1	31.1	6.1	73.8	866
	03-05	100.0	100.0	100.0	99.5	96.9	87.5	69.3	37.4	10.5	75.4	856
	06-08	100.0	100.0	100.0	99.8	97.6	88.9	67.2	32.3	9.3	75.0	864
	09-11	100.0	100.0	99.8	97.8	88.6	65.7	39.7	12.6	2.2	66.2	865
	12-14	100.0	100.0	99.2	94.9	75.7	48.3	24.5	6.6	1.6	60.5	864
	15-17	100.0	100.0	98.7	95.9	79.4	52.9	29.7	8.6	2.0	62.3	856
	18-20	100.0	100.0	100.0	98.5	91.6	69.9	46.8	16.7	3.9	68.1	876
	21-23	100.0	100.0	100.0	99.3	93.9	80.0	55.9	24.1	4.5	71.4	876
	TOTALS	100.0	100.0	99.7	98.1	89.9	72.4	49.8	21.2	5.0	69.1	6929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.9	95.9	85.8	65.3	30.1	6.9	74.1	900
	03-05	100.0	100.0	100.0	99.9	96.7	89.0	69.1	35.7	10.8	75.5	890
	06-08	100.0	100.0	100.0	99.5	97.6	88.3	66.9	33.7	8.9	75.2	883
	09-11	100.0	100.0	99.7	98.9	92.7	73.1	47.5	15.2	1.9	68.2	895
	12-14	100.0	100.0	99.4	95.4	82.9	57.3	30.1	7.7	2.1	62.9	866
	15-17	100.0	100.0	99.7	96.0	85.0	62.0	34.5	8.5	1.3	64.3	891
	18-20	100.0	100.0	100.0	98.7	93.0	79.8	52.7	19.4	3.2	70.0	896
	21-23	100.0	100.0	100.0	99.6	95.3	83.9	60.7	27.8	5.5	72.7	906
TOTALS		100.0	100.0	99.9	98.5	92.4	77.4	53.4	22.3	5.1	70.4	7153

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87
MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	NUM OBS		
JAN	ALL	100.0	100.0	99.7	98.1	91.6	76.7	52.3	21.9	5.1	69.9	7141	
FEB		100.0	100.0	99.9	98.9	92.4	75.0	48.7	20.8	4.4	69.5	6403	
MAR		100.0	100.0	99.9	98.6	91.8	74.6	49.7	21.4	4.9	69.6	7157	
APR		100.0	99.9	99.2	96.1	86.4	64.6	42.3	17.0	4.4	66.5	6996	
MAY		100.0	99.6	97.2	91.0	78.1	56.9	33.5	11.4	1.8	62.6	7262	
JUN		100.0	99.4	94.6	84.0	63.9	39.5	19.0	5.9	.6	56.3	6947	
JUL		100.0	99.3	90.3	71.1	46.7	24.7	10.2	2.5	.1	50.2	7231	
AUG		100.0	99.6	91.1	71.2	46.0	24.7	10.2	2.5	.4	50.2	7205	
SEP		100.0	99.6	95.4	79.8	55.7	30.5	13.8	3.5	.1	53.4	6972	
OCT		100.0	100.0	98.9	93.7	79.9	55.1	33.4	12.0	2.2	63.0	7261	
NOV		100.0	100.0	99.7	98.1	89.9	72.4	49.8	21.2	5.0	69.1	6925	
DEC		100.0	100.0	99.9	98.5	92.4	77.4	53.4	22.3	5.1	70.4	7152	
TOTALS		100.0	99.8	97.2	89.9	76.2	56.0	34.7	13.5	2.8	62.6	84654	

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PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION PRESSURE IN INCHES HG FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 167160 STATION NAME: PELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

HOURLS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
02	MEAN	29.998	29.914	29.899	29.814	29.816	29.809	29.773	29.794	29.865	29.947	29.956	29.697	29.866
	SD	.230	.238	.184	.178	.117	.104	.086	.091	.097	.147	.205	.230	.174
	TOT OBS	55	57	68	62	83	80	90	90	79	76	77	63	880
05	MEAN	29.944	29.889	29.840	29.818	29.797	29.792	29.762	29.788	29.862	29.956	29.951	29.695	29.855
	SD	.232	.237	.208	.157	.118	.094	.076	.083	.101	.131	.201	.244	.173
	TOT OBS	64	71	67	55	100	100	106	104	100	103	96	84	1050
08	MEAN	29.939	29.908	29.865	29.830	29.809	29.807	29.783	29.808	29.881	29.956	29.979	29.916	29.872
	SD	.259	.233	.181	.146	.113	.104	.090	.085	.097	.139	.210	.244	.175
	TOT OBS	83	77	79	71	110	117	108	118	120	126	132	95	1206
11	MEAN	30.008	29.929	29.895	29.813	29.826	29.825	29.787	29.809	29.879	29.980	29.985	29.949	29.890
	SD	.241	.240	.178	.174	.126	.093	.088	.089	.108	.154	.204	.251	.184
	TOT OBS	80	89	80	66	115	94	109	118	93	125	101	95	1165
14	MEAN	29.919	29.907	29.872	29.815	29.807	29.795	29.776	29.789	29.866	29.954	29.973	29.872	29.860
	SD	.238	.218	.181	.162	.126	.119	.079	.090	.091	.139	.199	.228	.171
	TOT OBS	89	89	76	77	103	116	114	125	111	132	95	90	1217
17	MEAN	29.885	29.895	29.835	29.791	29.781	29.788	29.755	29.768	29.846	29.936	29.966	29.878	29.842
	SD	.269	.242	.167	.160	.133	.099	.075	.090	.086	.136	.205	.239	.174
	TOT OBS	68	83	76	80	108	109	102	126	113	122	103	73	1163
20	MEAN	29.925	29.921	29.845	29.804	29.793	29.789	29.761	29.776	29.878	29.951	29.998	29.899	29.859
	SD	.228	.202	.168	.153	.118	.100	.087	.094	.093	.144	.161	.253	.172
	TOT OBS	78	74	82	72	106	94	98	104	87	110	87	85	1077
23	MEAN	29.915	29.911	29.854	29.825	29.820	29.812	29.783	29.799	29.880	29.978	29.993	29.915	29.874
	SD	.252	.202	.164	.149	.119	.106	.084	.092	.095	.138	.195	.243	.172
	TOT OBS	78	74	75	63	110	108	100	113	96	117	97	94	1125
ALL	MEAN	29.940	29.909	29.863	29.813	29.806	29.802	29.773	29.781	29.869	29.958	29.975	29.904	29.865
	SD	.246	.226	.179	.160	.122	.103	.084	.090	.096	.141	.198	.242	.175
HOURLS	TOT OBS	595	614	603	546	835	818	827	898	799	911	758	679	9883

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN MBS FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 16716C STATION NAME: ELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
02	MEAN	1016.5	1016.4	1015.7	1013.7	1013.6	1013.1	1012.6	1012.8	1015.8	1018.4	1018.7	1017.6	1015.4
	SD	8.315	7.787	6.536	5.063	3.846	3.552	3.065	3.183	3.468	4.611	7.106	7.509	5.989
	TOT OBS	303	275	305	293	304	294	304	303	293	308	294	305	3581
05	MEAN	1015.8	1015.8	1015.1	1013.2	1013.1	1012.8	1012.3	1012.5	1015.4	1017.9	1018.3	1017.1	1014.9
	SD	7.932	7.766	6.261	5.243	3.919	3.521	3.054	3.222	3.516	4.678	7.346	7.599	5.986
	TOT OBS	305	271	303	293	305	299	300	303	292	306	285	307	3569
08	MEAN	1016.2	1016.2	1015.5	1013.8	1013.9	1013.5	1012.9	1013.1	1016.0	1018.5	1018.7	1017.5	1015.5
	SD	8.073	7.672	6.564	5.310	3.985	3.539	3.053	3.193	3.526	4.725	7.382	7.655	6.017
	TOT OBS	306	278	307	296	308	298	307	299	296	304	294	303	3596
11	MEAN	1016.9	1016.8	1016.1	1014.3	1014.3	1013.8	1013.1	1013.4	1016.6	1019.1	1019.6	1018.3	1016.0
	SD	8.012	7.748	6.621	5.397	3.978	3.570	3.014	3.237	3.465	4.674	7.225	7.663	6.066
	TOT OBS	305	274	308	297	302	292	301	299	295	308	295	306	3582
14	MEAN	1015.5	1015.7	1015.2	1013.6	1013.7	1013.2	1012.5	1012.8	1015.6	1018.0	1018.1	1016.9	1015.1
	SD	8.030	7.697	6.571	5.249	4.078	3.539	3.046	3.197	3.353	4.548	7.197	7.563	5.941
	TOT OBS	304	278	306	298	303	293	305	304	296	309	298	307	3600
17	MEAN	1015.5	1015.6	1014.6	1012.9	1013.1	1012.5	1011.8	1011.9	1015.0	1017.6	1018.1	1016.8	1014.6
	SD	7.908	7.701	6.625	5.067	3.951	3.469	3.043	3.159	3.341	4.549	7.212	7.495	5.975
	TOT OBS	300	271	296	287	304	280	301	293	287	297	287	301	3504
20	MEAN	1016.2	1016.1	1015.2	1013.3	1013.4	1012.6	1012.2	1012.4	1015.5	1018.3	1018.6	1017.6	1015.1
	SD	7.990	7.808	6.506	4.992	3.981	3.470	3.080	3.205	3.330	4.642	7.162	7.411	6.029
	TOT OBS	300	277	306	294	296	285	307	302	297	302	297	304	3567
23	MEAN	1016.5	1016.5	1015.8	1014.1	1014.1	1013.4	1013.0	1013.1	1016.4	1018.8	1019.1	1017.8	1015.7
	SD	7.956	7.762	6.550	4.993	3.994	3.573	3.060	3.179	3.293	4.613	7.160	7.506	5.982
	TOT OBS	292	274	298	290	302	290	294	289	284	301	285	302	3501
ALL	MEAN	1016.1	1016.2	1015.4	1013.6	1013.6	1013.1	1012.6	1012.8	1015.8	1018.3	1018.6	1017.4	1015.3
	SD	7.992	7.741	6.536	5.179	3.982	3.550	3.076	3.223	3.441	4.645	7.226	7.555	6.012
HOURS	TOT OBS	2415	2196	2424	2348	2424	2331	2419	2392	2340	2434	2335	2435	28500

SUPPLEMENTAL DATA SECTION SPECIAL CAVEAT PAGE

1. GIVE PARTICULAR ATTENTION TO THE HOURS OF OPERATION PROVIDED AT BEGINNING OF THE LISOCs.
2. EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS WILL NOT REFLECT IN THESE SUMMARIES.
3. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES MAY NOT REFLECT TRUE 24-HOUR AMOUNTS.
 - A. RECORDED PRECIPITATION AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS.
 - B. PERIODS GREATER THAN 24 HOURS DO NOT TAKE INTO ACCOUNT EVAPORATION.
 - C. THIS 24-HOUR AMOUNT MAY, BUT MORE FREQUENTLY DOES NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT.
 - D. COMBINATIONS OF THE ABOVE LIMITATIONS TEND TO FURTHER EXAGGERATE THE QUESTIONABILITY OF THESE 24-HOUR AMOUNTS.
4. MONTHLY AMOUNTS OF PRECIPITATION (INCLUDING SNOWFALL) ARE NOT AS SERIOUSLY AFFECTED AS THE 24-HOUR VALUES. HOWEVER, EVAPORATION (SUBLIMATION) CAN CAUSE "BOGUS" AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL PERIODS WHERE THE VALUES ARE DEPENDENT ON THE LENGTH OF TIME OF THESE NON-OPERATIONAL PERIODS.
5. THE TEMPERATURES SUMMARIES REPRESENT THE "HIGH" AND "LOW" SUMMARIZED TEMPERATURES AND NOT THE ACTUAL MAXIMUM AND MINIMUM TEMPERATURES.

USAFETAC RECOMMENDS THAT COPIES OF FULL TIME PERIODS, WHEN AVAILABLE, BE ACCOMPANIED BY THE CAVEAT --EXTREMES OCCURRING OUTSIDE THE FULL TIME PERIOD SUMMARIZED ARE NOT REFLECTED IN THESE SUMMARIES.

USAFETAC ALSO RECOMMENDS LIMITED DISTRIBUTION OF THE LIMITED OR PART TIME PERIOD TO METEOROLOGIST (TECHNICIANS), AND BE ACCOMPANIED BY THIS CAVEAT PAGE.

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

ATMOSPHERIC PHENOMENA SUMMARY

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".0" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK "*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION: ".00" EQUALS NONE FOR THE MONTH (HUNDRETHS)

EXTREME DAILY SNOWFALL: ".0" EQUALS NONE FOR THE MONTH (TENTHS)

EXTREME DAILY SNOW DEPTH: "0" EQUALS NONE FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968.
COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 167160

STATION NAME: ELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

TEMP (F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 105						.3	.3						.0
GE 100						.7	1.3	1.3					.2
GE 95						12.3	45.8	38.1	1.7				1.8
GE 90					2.9	32.0	72.9	75.5	7.7	.6			8.8
GE 85					16.5	72.7	97.7	99.0	30.3	3.2			18.3
GE 80				.3	49.7	94.7	99.7	100.0	76.7	13.9			31.6
GE 75				2.3	84.5	99.7	100.0		97.3	42.3	1.3		40.9
GE 70	.3		1.6	23.4	96.5	100.0			99.7	75.2	16.7		50.4
GE 65	2.3	3.2	12.9	55.9	100.0				100.0	88.7	41.5	7.4	59.4
GE 60	22.9	28.7	52.1	87.6						95.5	80.3	48.7	76.5
GE 55	60.3	59.5	78.6	98.3						98.7	95.7	81.9	89.6
GE 50	84.8	77.4	91.9	100.0						100.0	100.0	94.5	95.6
GE 45	95.2	95.3	97.4									98.7	98.9
GE 40	99.0	98.9	98.7									99.7	99.7
GE 35	100.0		100.0									100.0	100.0
GE 30		100.0											100.0
MEAN	55.4	55.1	56.9	65.6	74.4	82.7	88.4	88.0	82.9	72.9	63.7	58.9	70.6
SD	5.818	6.564	6.265	4.988	5.504	5.112	4.964	4.245	4.550	6.679	5.281	5.092	13.278
TOTAL OBS	310	279	309	299	310	300	310	310	300	310	299	310	3646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 167160

STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNU.
GE 80							1.6	1.6					.3
GE 75						4.0	21.6	21.3	2.3				4.2
GE 70					.6	31.0	78.1	77.1	24.3	1.6			17.9
GE 65					6.5	63.3	92.9	93.9	65.7	9.7			27.9
GE 60			.3	3.3	41.9	92.3	100.0	99.4	95.3	47.7	7.0	.3	40.9
GE 55	3.5	5.7	7.8	26.1	86.1	99.7		99.7	100.0	80.6	29.8	8.7	54.3
GE 50	18.7	21.1	35.3	70.2	98.4	100.0		100.0		96.5	64.9	37.4	70.5
GE 45	50.6	50.2	70.2	97.7	100.0					100.0	95.0	73.9	86.6
GE 40	71.3	76.7	84.8	99.7							99.0	90.0	93.5
GE 35	93.2	93.9	95.8	100.0							100.0	99.0	98.5
GE 30	96.8	95.3	97.7									100.0	99.2
GE 25	99.4	98.6	99.7										99.8
GE 20	100.0	100.0	100.0										100.0
MEAN	43.8	44.0	46.4	51.8	58.9	66.7	71.5	71.5	66.5	59.1	51.7	47.3	56.6
SD	6.004	6.267	5.978	4.202	4.353	4.540	3.888	4.020	3.793	5.157	5.344	5.441	11.224
TOTAL OBS	310	279	309	299	310	300	310	310	300	310	299	310	3646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 167160

STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 90							1.6	1.0					.2
GE 85						.7	11.6	10.3	1.3				2.0
GE 80						18.7	59.4	56.1	9.7	.3			12.2
GE 75					4.8	51.0	91.0	92.6	52.3	5.2			25.0
GE 70				.3	28.1	87.0	99.4	99.7	94.7	29.0			36.8
GE 65				11.4	70.3	99.3	100.0	100.0	99.7	65.2	10.7		46.7
GE 60	2.9	4.7	11.0	45.2	95.2	100.0			100.0	88.1	37.8	8.4	58.1
GE 55	21.0	23.7	41.1	84.3	100.0					97.1	72.9	43.2	73.9
GE 50	52.6	54.5	76.1	99.7						100.0	97.7	79.7	88.5
GE 45	83.2	79.2	91.3	100.0							100.0	95.5	95.9
GE 40	96.1	96.1	97.1									99.0	99.0
GE 35	99.7	98.9	99.4									100.0	99.8
GE 30	100.0	100.0	100.0										100.0
MEAN	49.9	49.8	52.9	58.9	66.9	74.9	80.1	79.9	74.9	66.3	58.0	53.3	63.8
SD	5.515	6.062	5.832	4.181	4.492	4.464	4.028	3.749	3.736	5.557	4.846	4.877	12.058
TOTAL OBS	310	279	309	299	310	300	310	310	300	310	299	310	3646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 167160 STATION NAME: HELLENIKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
78	61	66	68	*72	82	93	100	91	88	81	66	66	100
79	68	68	70	73	88	95	99	102	90	86	72	64	102
80	63	*63	66	70	82	91	99	99	86	82	73	66	99
81	61	66	72	73	88	93	99	99	91	91	*75	68	99
82	65	*61	*68	73	82	100	99	97	93	84	73	67	100
83	62	65	70	75	84	86	95	93	90	79	72	65	95
84	63	65	68	68	84	91	95	91	90	90	72	64	95
85	65	64	64	62	88	90	99	99	93	84	73	67	99
86	65	64	68	79	86	91	95	97	95	79	75	64	97
87	70	63	66	72	79	93	106	97	99	78	71	69	106
MEAN	64.3	65.1	68.0	73.9	84.3	92.3	98.6	96.5	91.5	83.4	71.9	65.9	99.0
S.D.	2.946	1.553	2.449	4.314	3.129	3.622	3.273	3.689	3.689	4.526	2.472	1.595	4.336
TOTAL OBS	310	279	309	295	310	300	310	310	300	310	299	310	3646

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 167160 STATION NAME: WFLINTKON ABS/ATHENS GR

PERIOD OF RECORD: 78-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
78	34	41	37	*46	52	59	66	57	57	45	41	41	34
79	28	37	41	46	54	59	64	68	57	46	45	37	28
80	34	*36	32	45	54	59	64	63	61	54	43	34	32
81	30	34	37	39	52	63	68	64	61	54	*39	41	30
82	37	*30	*34	43	46	55	61	63	61	54	39	34	*30
83	28	25	33	43	52	50	64	64	59	50	45	37	25
84	37	39	37	43	52	57	60	50	59	50	43	35	35
85	36	30	39	45	52	62	64	66	61	45	46	41	30
86	32	41	38	49	54	55	69	68	59	50	41	34	32
87	32	36	28	44	46	57	62	65	64	45	43	36	28
MEAN	32.8	35.4	35.8	44.1	51.6	57.6	64.2	62.8	59.9	49.3	42.9	37.0	29.7
S.D.	3.393	5.579	4.024	2.713	2.633	3.748	2.860	5.473	2.132	3.860	2.261	2.581	3.502
TOTAL OBS	310	279	309	299	310	300	310	310	300	310	299	310	3646

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

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